

# Converting Colors

HunterLab(25.7905, -8.3246,  
-5.1012)

Have a look what the booklet for  
HunterLab(25.7905, -8.3246,  
-5.1012) contains.

<b>HunterLab(25.9064, -8.4532, -4.8207)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(25.9064, -8.4532,  
-4.8207)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	274F57
RGB	39, 79, 87
RGB Percent	15%, 31%, 34%
CMY	0.8471, 0.6902, 0.6588
CMYK	0.55, 0.09, 0.00, 0.66
HSL	190°, 38%, 25%
HSV	190°, 55%, 34%
XYZ	5.3530, 6.7114, 10.0301
YIQ	67.9520, -26.4080, -5.9920

# Conversions

## Conversions Part 2

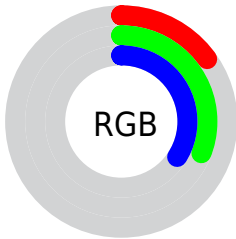
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 61, 87
Decimal	2576215
CIE <sub>Lab</sub>	31.14, -11.54, -9.05
CIE <sub>LCh</sub>	31, 14.662, 218.107
Yxy	6.7117, 0.2423, 0.3038
Android (android.graphics.Color)	4280766295 (0xFF274F57)
YUV	67.9520, 9.3907, -25.3909
Hunter-Lab	25.9064, -8.4532, -4.8207




# Details

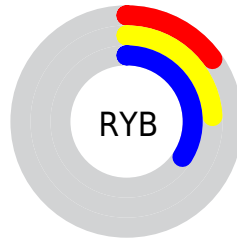
The HunterLab color **25.9064, -8.4532, -4.8207** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **20.5082, 10.3569, 7.2687**, and the grayscale version is **24.0011, -1.2806, 1.3040**.




A 20% lighter version of the original color is **43.9536, -10.8892, -5.0315**, and **11.4509, -4.6074, -4.3665** is the 20% darker color. If you saturate the color by 10%, you get **25.2071, -9.0086, -5.8341**, and if you desaturate by 10%, it is **26.6701, -7.6727, -3.7458**.

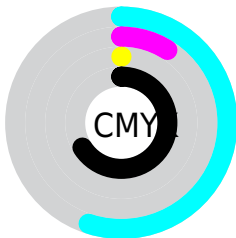
# Distribution







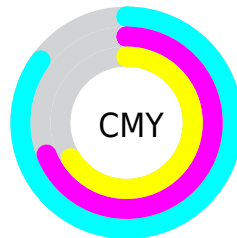
-  Red (15%)
-  Green (31%)
-  Blue (34%)






-  Red (15%)
-  Yellow (24%)
-  Blue (34%)



-  Cyan (55%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (85%)
-  Magenta (69%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.9064, -8.4532, -4.8207 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 25.9064, -8.4532, -4.8207 by changing the saturation by 10% instead.



■ 25.9064, -8.4532,  
-4.8207

■ 25.9064, -8.4532,  
-4.8207

■ 128.5480,  
-19.3877, -2.8989

■ 18.1175, -7.1456,  
-4.7052

■ 44.0350, -10.9352,  
-4.8036

■ 11.3177, -5.7434,  
-4.4945

■ 54.2305, -12.1451,  
-4.6903

■ 3.5546, -6.2205,  
-10.3581

■ 65.1102, -13.3470,  
-4.5166

0.0000, NaN, NaN

■ 76.6335, -14.5467,  
-4.2877

0.0000, NaN, NaN

■ 88.7664, -15.7481,  
-4.0081

0.0000, NaN, NaN

■ 101.4794,

0.0000, NaN, NaN

-16.9541, -3.6814

0.0000, NaN, NaN

114.7474,  
-18.1668, -3.3108

■ 25.9064, -8.4532,  
-4.8207

■ 25.9064, -8.4532,  
-4.8207

■ 25.2071, -9.0086,  
-5.8341

■ 26.6701, -7.6727,  
-3.7458

■ 24.5705, -9.3338,  
-6.7815

■ 27.4958, -6.6759,  
-2.6175

■ 23.9958, -9.4302,  
-7.6585

■ 28.3828, -5.4753,  
-1.4424

■ 23.4668, -9.3573,  
-8.4855

■ 29.3289, -4.0848,  
-0.2274

■ 23.2120, -9.3209,  
-8.8918

■ 30.3320, -2.5198,  
1.0209

■ 31.3895, -0.7956,  
2.2965

■ 32.4989, 1.0729,  
3.5942

■ 33.6575, 3.0712,  
4.9093

■ 34.8627, 5.1862,  
6.2381

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



25.9069, -10.1463, 0.1011



25.9064, -8.4532, -4.8207



25.9069, -4.8369, -8.4721

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.9069, -8.4533, -4.8203



25.9069, 8.0489, -2.1968



25.9069, -2.7118, 8.8657

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.9064, -8.4532, -4.8207



20.5082, 10.3569, 7.2687

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



25.9069, 2.2604, 8.4811



25.9064, -8.4532, -4.8207



25.9069, 8.7247, 2.6543

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.9069, -8.4533, -4.8203



25.9069, 4.7533, -6.7704



25.9069, 6.5360, 6.3970



25.9069, -6.9978, 7.5690



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.9064, -8.4532, -4.8207



25.9069, -1.6973, -9.3647



25.9069, 6.5360, 6.3970



25.9069, -1.0686, 8.9233

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.9069, -8.4533, -4.8203



38.0130, -5.7893, -0.6786



27.2887, -16.7359, 10.8608



18.7122, -2.9547, -0.4166



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9069, -8.4533, -4.8203



32.6749, -11.9252, -7.9962



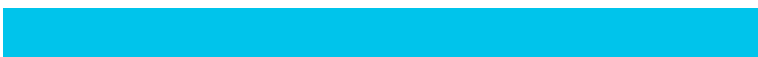
19.8208, 0.9911, -14.7416



15.1968, -1.5737, 0.2879



28.7234, -11.4104, -11.2700



67.2541, -25.9534, -28.0359



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.1046, 18.6870, -9.0999



24.0228, 30.0267, -14.3398



25.6481, 0.3497, 11.3729



14.6455, 0.7727, -0.0701



19.6405, 37.3288, -15.9423

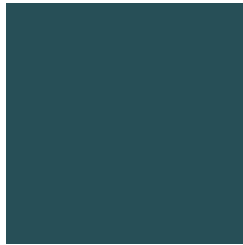


46.4296, 88.0472, -36.1608



# Previews

## White Background



This preview shows how the HunterLab color 25.9064, -8.4532, -4.8207 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

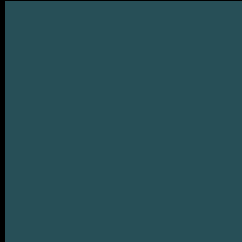
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 25.9064, -8.4532, -4.8207 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

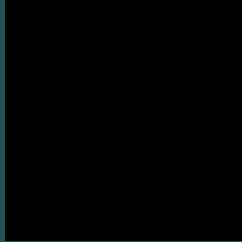
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 25.9064, -8.4532, -4.8207 Background



This preview shows how black text looks on a background with the HunterLab color 25.9064, -8.4532, -4.8207.



This preview shows how white text looks on a background with the HunterLab color 25.9064, -8.4532, -4.8207.

-4.8207.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

25.9064, -8.4532, -4.8207

### Protanopia

25.6882, 0.0540, -3.0584

### Deuteranopia

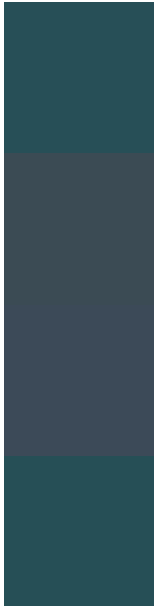
25.7011, 1.7568, -5.9354



## Tritanopia

25.8378, -8.7737, -4.4352

# Trichromacy



## Original Color

25.9064, -8.4532, -4.8207

## Protanomaly

25.6945, -3.8393, -3.5886

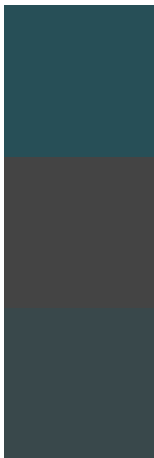
## Deuteranomaly

25.6180, -2.5112, -5.6260

## Tritanomaly

25.8378, -8.7737, -4.4352

# Monochromacy



## Original Color

25.9064, -8.4532, -4.8207

## Achromatopsia

24.0428, -1.2829, 1.3063

## Achromatomaly

24.5206, -4.5132, -1.0650

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 25.9064, -8.4532, -4.8207 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(39, 79, 87)` looks like.

```
.text, #text, p{  
    color:rgb(39, 79, 87)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(39, 79, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 79, 87) }
```

## Border

The CSS property to change the border of an element to HunterLab 25.9064, -8.4532, -4.8207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(39, 79, 87) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(39, 79, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(39, 79, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 79, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 79, 87);  
box-shadow:4px 4px 4px 4px rgb(39, 79, 87)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 25.9064, -8.4532, -4.8207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 79, 87) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(39, 79,  
87) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor