

Converting Colors

HunterLab(24.7160, -4.2584,
-8.7924)

Have a look what the booklet for
HunterLab(24.7160, -4.2584,
-8.7924) contains.

HunterLab(24.7007, -4.2206, -8.6108)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(24.7007, -4.2206,
-8.6108)**

Conversions

Conversions Part 1

Format	Color
Hex	2E495B
RGB	46, 73, 91
RGB Percent	18%, 29%, 36%
CMY	0.8196, 0.7137, 0.6431
CMYK	0.49, 0.20, 0.00, 0.64
HSL	204°, 33%, 27%
HSV	204°, 49%, 36%
XYZ	5.3976, 6.1012, 10.7907
YIQ	66.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

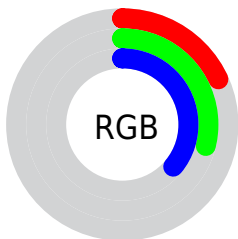
Format	Color
R_{YB}	46, 63, 91
Decimal	3033435
CIE _{Lab}	29.67, -4.65, -13.82
CIE _{LCh}	30, 14.580, 251.394
Yxy	6.1015, 0.2422, 0.2737
Android (android.graphics.Color)	4281223515 (0xFF2E495B)
YUV	66.9790, 11.8424, -18.3986
Hunter-Lab	24.7007, -4.2206, -8.6108




Details

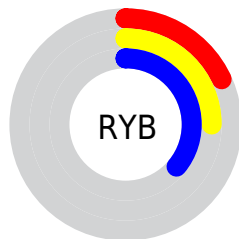
The HunterLab color **24.7007, -4.2206, -8.6108** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.6746, 4.8620, 9.0781**, and the grayscale version is **23.6498, -1.2619, 1.2849**.




A 20% lighter version of the original color is **42.7493, -5.9716, -8.7121**, and **10.5736, -2.6700, -7.4523** is the 20% darker color. If you saturate the color by 10%, you get **23.3402, -4.1501, -10.8329**, and if you desaturate by 10%, it is **26.1307, -4.0707, -6.4272**.

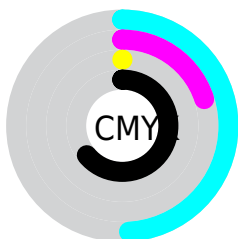
Distribution







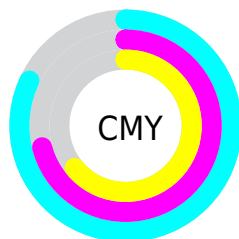
-  Red (18%)
-  Green (29%)
-  Blue (36%)






-  Red (18%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (49%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (71%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7007, -4.2206, -8.6108 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 24.7007, -4.2206, -8.6108 by changing the saturation by 10% instead.

■ 24.7007, -4.2206,
-8.6108

■ 24.7007, -4.2206,
-8.6108

■ 126.4808,
-11.8357, -8.4572

■ 17.0496, -3.4577,
-8.2834

■ 42.5926, -5.7794,
-9.0275

■ 10.4082, -2.6910,
-7.8972

■ 52.6833, -6.5840,
-9.1240

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 63.4649, -7.4079,
-9.1533

0.0000, NaN, NaN

■ 74.8956, -8.2521,
-9.1208

0.0000, NaN, NaN

■ 86.9406, -9.1170,
-9.0312

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.5698, -10.0025,

-8.8884

0.0000, NaN, NaN

112.7574,
-10.9088, -8.6961

■ 24.7007, -4.2206,
-8.6108

■ 24.7007, -4.2206,
-8.6108

■ 23.3402, -4.1501,
-10.8329

■ 26.1307, -4.0707,
-6.4272

■ 22.0531, -3.8383,
-13.0881

■ 27.6237, -3.7215,
-4.2873

■ 20.8444, -3.2673,
-15.3658

■ 29.1754, -3.1937,
-2.1920

■ 19.7183, -2.4255,
-17.6528

■ 30.7813, -2.5063,
-0.1411

■ 18.6336, -1.4622,
-20.0367

■ 32.4371, -1.6767,
1.8670

■ 18.5740, -1.4093,
-20.1736

■ 34.1393, -0.7204,
3.8346

■ 35.8844, 0.3490,
5.7646

■ 37.6694, 1.5194,
7.6599

■ 39.4915, 2.7804,
9.5235

Harmonies

Analogous

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



24.7012, -7.9241, -5.2594



24.7007, -4.2206, -8.6108



24.7012, 0.5474, -9.0109

Triad

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



24.7012, -4.2207, -8.6103



24.7012, 8.4881, 3.0314



24.7012, -7.1802, 7.1095

Complementary

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



24.7007, -4.2206, -8.6108



24.6746, 4.8620, 9.0781

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.



24.7012, -3.1322, 8.5474



24.7007, -4.2206, -8.6108



24.7012, 6.0617, 6.5141

Square

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



24.7012, -4.2207, -8.6103



24.7012, 8.1401, -1.6520



24.7012, 1.7225, 8.3528



24.7012, -9.5397, 4.0071

Rectangle

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



24.7007, -4.2206, -8.6108



24.7012, 3.7212, -7.4751



24.7012, 1.7225, 8.3528



24.7012, -5.9855, 7.7738

Sweetspot

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



24.7012, -4.2207, -8.6103



38.9775, -3.8414, -1.7905



29.0256, -15.2973, 7.9362



19.0291, -1.9440, -1.0526



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



24.7012, -4.2207, -8.6103



30.2821, -5.3899, -14.5671



19.3027, 5.1520, -18.4171



15.7494, -1.2544, -0.0090



22.3387, -1.2856, -25.1462



50.5530, -0.1078, -62.9542

Inverse Universe

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



21.5855, 15.9280, -3.7345



25.7991, 25.8838, -5.6836



30.0620, -4.4209, 13.3485



15.3891, 0.6950, 0.2900



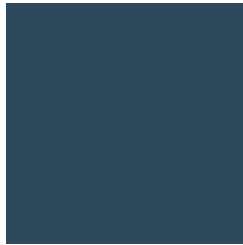
19.1924, 34.9041, -3.3857



44.7125, 80.9590, -5.1179

Previews

White Background



This preview shows how the HunterLab color 24.7007, -4.2206, -8.6108 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

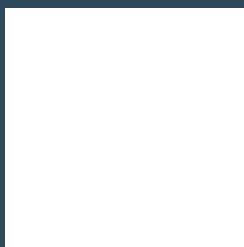
Any Text WCAG AAA × Fail

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

HunterLab 24.7007, -4.2206, -8.6108 Background



This preview shows how black text looks on a background with the HunterLab color 24.7007, -4.2206, -8.6108.



This preview shows how white text looks on a background with the HunterLab color 24.7007, -4.2206, -8.6108.

-8.6108.

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

24.7007, -4.2206, -8.6108

Protanopia

24.6671, 0.7541, -6.9784

Deuteranopia

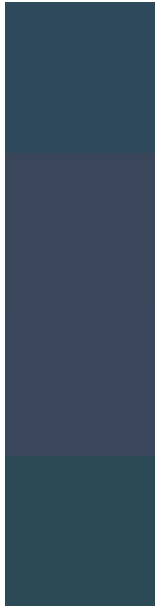
24.7365, 1.2648, -9.0041



Tritanopia

24.7787, -7.3615, -3.4872

Trichromacy



Original Color

24.7007, -4.2206, -8.6108

Protanomaly

24.4972, -1.0580, -7.7980

Deuteranomaly

24.5416, -0.6947, -9.3513

Tritanomaly

24.6757, -6.0933, -5.5518

Monochromacy



Original Color

24.7007, -4.2206, -8.6108

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

23.8911, -2.6873, -2.2939

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7007, -4.2206, -8.6108 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(46, 73, 91)` looks like.

```
.text, #text, p{  
  color:rgb(46, 73, 91)  
}
```

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(46, 73, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 73, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7007, -4.2206, -8.6108 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(46, 73, 91) }
```


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

```
.border{ border-color:rgb(46, 73, 91) }
```

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

Here you see how a box with a 4 pixel rgb(46, 73, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 73, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 73, 91);  
box-shadow:4px 4px 4px 4px rgb(46, 73, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.7007, -4.2206, -8.6108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 73, 91) }
```

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

```
.background{ background-color: rgb(46, 73,  
91) }
```

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