

Converting Colors

HunterLab(25.5735, -5.0595,
-8.3396)

Have a look what the booklet for
HunterLab(25.5735, -5.0595,
-8.3396) contains.

HunterLab(25.5735, -5.0595, -8.3396)	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(25.5735, -5.0595,
-8.3396)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4C5D
RGB	46, 76, 93
RGB Percent	18%, 30%, 36%
CMY	0.8196, 0.7020, 0.6353
CMYK	0.51, 0.18, 0.00, 0.64
HSL	202°, 34%, 27%
HSV	202°, 51%, 36%
XYZ	5.6869, 6.5400, 11.3185
YIQ	68.9680, -23.3370, -1.0730

Conversions

Conversions Part 2

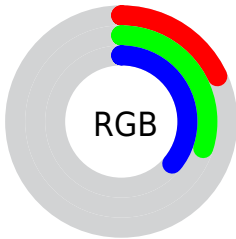
Format	Color
R_{YB}	46, 64, 93
Decimal	3034205
CIE Lab	30.74, -5.89, -13.46
CIE LCh	31, 14.690, 246.375
Yxy	6.5403, 0.2415, 0.2778
Android (android.graphics.Color)	4281224285 (0xFF2E4C5D)
YUV	68.9680, 11.8478, -20.1429
Hunter-Lab	25.5735, -5.0595, -8.3396




Details

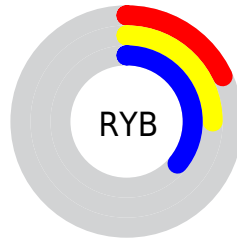
The HunterLab color **25.5735, -5.0595, -8.3396** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.6568, 5.9697, 9.0821**, and the grayscale version is **24.3496, -1.2992, 1.3230**.




A 20% lighter version of the original color is **43.6844, -6.9393, -8.4732**, and **11.1277, -2.9576, -7.5240** is the 20% darker color. If you saturate the color by 10%, you get **24.2812, -5.0963, -10.4147**, and if you desaturate by 10%, it is **26.9368, -4.7929, -6.2800**.

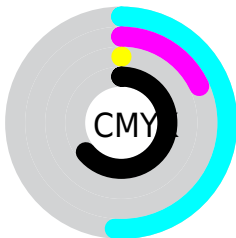
Distribution







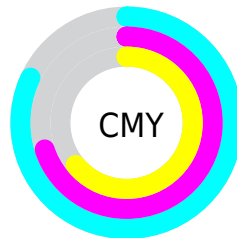
-  Red (18%)
-  Green (30%)
-  Blue (36%)






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



-  Cyan (51%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (82%)
-  Magenta (70%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.5735, -5.0595, -8.3396 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 25.5735, -5.0595, -8.3396 by changing the saturation by 10% instead.

■ 25.5735, -5.0595,
-8.3396

■ 25.5735, -5.0595,
-8.3396

127.9794,
-13.2769, -8.0068

■ 17.8222, -4.2004,
-8.0331

■ 43.6374, -6.7837,
-8.7114

■ 11.0655, -3.3235,
-7.6592

■ 53.8043, -7.6615,
-8.7863

■ 2.8556, -4.9973,
-19.4122

■ 64.6571, -8.5541,
-8.7949

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.1551, -9.4630,
-8.7425

0.0000, NaN, NaN

■ 88.2639, -10.3893,
-8.6338

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.9540,

-11.3336, -8.4727

0.0000, NaN, NaN

114.2000,
-12.2960, -8.2627

■ 25.5735, -5.0595,
-8.3396

■ 25.5735, -5.0595,
-8.3396

■ 24.2812, -5.0963,
-10.4147

■ 26.9368, -4.7929,
-6.2800

■ 23.0627, -4.8843,
-12.4979

■ 28.3650, -4.3162,
-4.2439

■ 21.9222, -4.4089,
-14.5773

■ 29.8541, -3.6497,
-2.2349

■ 20.8617, -3.6646,
-16.6417

■ 31.3998, -2.8125,
-0.2553

■ 19.8889, -2.8686,
-18.6668

■ 32.9981, -1.8224,
1.6940

■ 34.6452, -0.6955,
3.6133

■ 36.3377, 0.5539,
5.5036

■ 38.0725, 1.9129,
7.3662

■ 39.8467, 3.3703,
9.2030

Harmonies

Analogous

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



25.5740, -8.5683, -4.5628



25.5735, -5.0595, -8.3396



25.5740, -0.3034, -9.3053

Triad

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



25.5740, -5.0596, -8.3391



25.5740, 8.7673, 2.3745



25.5740, -6.7553, 7.6471

Complementary

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



25.5735, -5.0595, -8.3396



24.6568, 5.9697, 9.0821

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.



25.5740, -2.4114, 8.8379



25.5735, -5.0595, -8.3396



25.5740, 6.7338, 6.1890

Square

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



25.5740, -5.0596, -8.3391



25.5740, 7.9243, -2.4971



25.5740, 2.5501, 8.3598



25.5740, -9.4942, 4.7526

Rectangle

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



25.5735, -5.0595, -8.3396



25.5740, 2.9889, -8.0904



25.5740, 2.5501, 8.3598



25.5740, -5.4476, 8.2321

Sweetspot

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



25.5740, -5.0596, -8.3391



40.0721, -4.2441, -1.6026



29.6014, -16.0853, 8.6997



19.9236, -2.2010, -0.9840



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



25.5740, -5.0596, -8.3391



31.3863, -6.6323, -14.2529



19.8044, 4.8025, -18.7162



15.7910, -1.3225, 0.0410



23.4463, -3.0794, -22.6582



53.2701, -4.6434, -56.5593

Inverse Universe

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



21.9161, 16.9972, -4.6961



26.0621, 27.8473, -7.2280



30.2856, -3.8960, 13.5330



15.3935, 0.7182, 0.2287



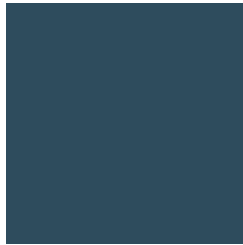
19.3253, 35.3826, -5.2446



45.0299, 82.1039, -9.5756

Previews

White Background



This preview shows how the HunterLab color 25.5735, -5.0595, -8.3396 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

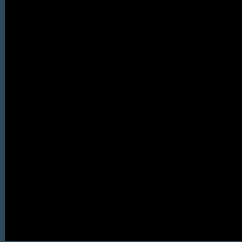
Any Text WCAG AA × Fail

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 25.5735, -5.0595, -8.3396 Background



This preview shows how black text looks on a background with the HunterLab color 25.5735, -5.0595, -8.3396.



This preview shows how white text looks on a background with the HunterLab color 25.5735, -5.0595, -8.3396.

-8.3396.

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

25.5735, -5.0595, -8.3396

Protanopia

25.4433, 0.9536, -6.8458

Deuteranopia

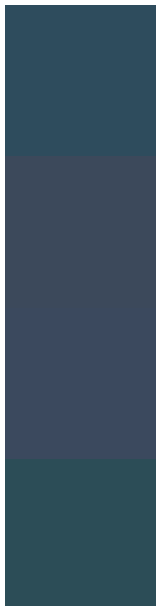
25.5106, 1.4557, -8.8668



Tritanopia

25.6953, -8.0036, -3.6604

Trichromacy



Original Color

25.5735, -5.0595, -8.3396

Protanomaly

25.4580, -1.5401, -7.3906

Deuteranomaly

25.5011, -1.1828, -8.9281

Tritanomaly

25.5565, -6.9175, -5.2920

Monochromacy



Original Color

25.5735, -5.0595, -8.3396

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

24.8533, -3.1515, -1.9354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.5735, -5.0595, -8.3396 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, 76, 93)` looks like.

```
.text, #text, p{  
    color:rgb(46, 76, 93)  
}
```

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, 76, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 76, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 25.5735, -5.0595, -8.3396 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, 76, 93) }
```


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

```
.border{ border-color:rgb(46, 76, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 76, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 76, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 76, 93);  
box-shadow:4px 4px 4px 4px rgb(46, 76, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.5735, -5.0595, -8.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 76, 93) }
```

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

```
.background{ background-color: rgb(46, 76,  
93) }
```

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