

Converting Colors

HunterLab(37.2006, -5.1177,
-8.0259)

Have a look what the booklet for
HunterLab(37.2006, -5.1177,
-8.0259) contains.

HunterLab(37.1955, -4.9772, -8.0945)	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(37.1955, -4.9772,
-8.0945)**

Conversions

Conversions Part 1

Format	Color
Hex	536B7D
RGB	83, 107, 125
RGB Percent	33%, 42%, 49%
CMY	0.6745, 0.5804, 0.5098
CMYK	0.34, 0.14, 0.00, 0.51
HSL	206°, 20%, 41%
HSV	206°, 34%, 49%
XYZ	12.5266, 13.8351, 21.4123
YIQ	101.8760, -20.0820, 0.5100

Conversions

Conversions Part 2

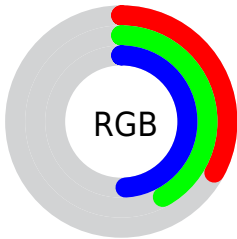
Format	Color
R_{YB}	83, 98, 125
Decimal	5467005
CIE _{Lab}	44.00, -4.15, -12.86
CIE _{LCh}	44, 13.517, 252.112
Yxy	13.8356, 0.2622, 0.2896
Android (android.graphics.Color)	4283657085 (0xFF536B7D)
YUV	101.8760, 11.4001, -16.5543
Hunter-Lab	37.1955, -4.9772, -8.0945

Details

The HunterLab color $37.1955, -4.9772, -8.0945$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.8048, 3.1204, 10.5147$, and the grayscale version is $36.3689, -1.9406, 1.9760$.

A 20% lighter version of the original color is $57.2157, -6.2403, -8.4996$, and $20.2752, -3.6689, -7.5653$ is the 20% darker color. If you saturate the color by 10%, you get $34.9781, -5.1764, -11.4253$, and if you desaturate by 10%, it is $39.5073, -4.4957, -4.8522$.

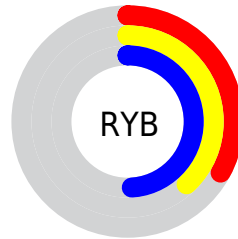
Distribution



Red (33%)

Green (42%)

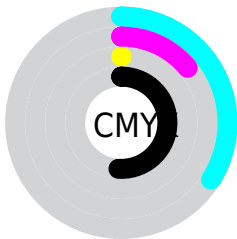
Blue (49%)



Red (33%)

Yellow (38%)

Blue (49%)

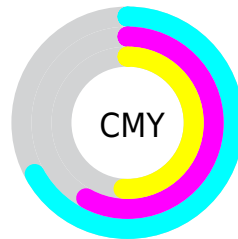


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1955, -4.9772, -8.0945 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 37.1955, -4.9772, -8.0945 by changing the saturation by 10% instead.

■ 37.1955, -4.9772,
-8.0945

■ 37.1955, -4.9772,
-8.0945

■ 147.0393,
-12.6286, -6.8771

■ 28.2956, -4.2328,
-7.9186

■ 57.2687, -6.5264,
-8.2217

■ 20.2461, -3.5037,
-7.6615

■ 68.3360, -7.3328,
-8.1868

■ 13.1496, -2.7832,
-7.3247

■ 80.0366, -8.1611,
-8.0930

■ 6.6514, -3.0752,
-8.2153

■ 92.3378, -9.0114,
-7.9449

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 105.2118, -9.8835,
-7.7463

0.0000, NaN, NaN

118.6340,

0.0000, NaN, NaN

-10.7773, -7.5002

0.0000, NaN, NaN

132.5829,
-11.6924, -7.2097

■ 37.1955, -4.9772,
-8.0945

■ 37.1955, -4.9772,
-8.0945

■ 34.9781, -5.1764,
-11.4253

■ 39.5073, -4.4957,
-4.8522

■ 32.8614, -5.0572,
-14.8459

■ 41.9035, -3.7631,
-1.6978

■ 30.8553, -4.5844,
-18.3499

■ 44.3776, -2.8089,
1.3740

■ 28.9687, -3.7245,
-21.9253

■ 46.9234, -1.6590,
4.3692

■ 27.2102, -2.4512,
-25.5529

■ 49.5353, -0.3358,
7.2944

■ 25.5844, -0.7587,
-29.2118

■ 52.2081, 1.1410,
10.1562

■ 24.5810, 0.4264,
-31.6445

■ 54.9375, 2.7547,
12.9610

■ 57.7195, 4.4907,
15.7149

■ 60.5507, 6.3366,
18.4237

Harmonies

Analogous

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



37.1962, -9.0466, -4.8571



37.1955, -4.9772, -8.0945



37.1962, 0.1125, -8.4051

Triad

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



37.1962, -4.9776, -8.0938



37.1962, 8.1914, 3.9462



37.1962, -8.3926, 8.3528

Complementary

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



37.1955, -4.9772, -8.0945



37.8048, 3.1204, 10.5147

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.



37.1962, -4.0404, 10.1027



37.1955, -4.9772, -8.0945



37.1962, 5.6425, 7.8002

Square

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



37.1962, -4.9776, -8.0938



37.1962, 7.9067, -0.9842



37.1962, 1.1018, 9.9152



37.1962, -10.9432, 4.8015

Rectangle

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



37.1955, -4.9772, -8.0945



37.1962, 3.4211, -6.8635



37.1962, 1.1018, 9.9152



37.1962, -7.1022, 9.1480

Sweetspot

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



37.1962, -4.9776, -8.0938



57.1748, -4.6383, -0.8800



41.7568, -16.5377, 8.1407



27.0885, -2.2786, -0.6459



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



37.1962, -4.9776, -8.0938



47.5756, -6.8963, -14.1043



31.7108, 4.3826, -16.6599



21.4188, -1.6741, -0.1549



25.0840, 0.4845, -32.3988

0.0000, NaN, NaN

Inverse Universe

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



34.0711, 14.7957, -2.9534



42.7594, 24.9189, -5.1136



43.3375, -6.1608, 15.4000



20.9337, 1.0775, 0.4068



22.4270, 40.5435, -2.0706

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.1955, -4.9772, -8.0945 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 × Fail

Black Background



This preview shows how the HunterLab color 37.1955, -4.9772, -8.0945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

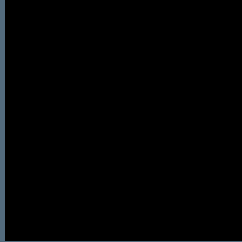
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

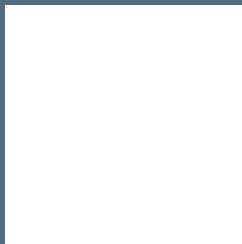
Any Text WCAG AAA × Fail

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

HunterLab 37.1955, -4.9772, -8.0945 Background



This preview shows how black text looks on a background with the HunterLab color 37.1955, -4.9772, -8.0945.



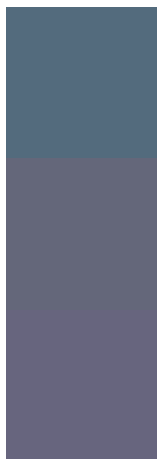
This preview shows how white text looks on a background with the HunterLab color 37.1955, -4.9772, -8.0945.

-8.0945.

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

37.1955, -4.9772, -8.0945

Protanopia

37.1685, 0.3580, -6.4615

Deuteranopia

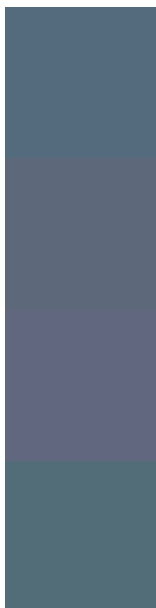
37.0098, 2.8185, -8.7668



Tritanopia

37.0929, -7.3254, -4.1726

Trichromacy



Original Color

37.1955, -4.9772, -8.0945

Protanomaly

37.0275, -1.4461, -7.2146

Deuteranomaly

37.0049, 0.0717, -8.8221

Tritanomaly

37.2492, -6.5678, -5.4458

Monochromacy



Original Color

37.1955, -4.9772, -8.0945

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.6869, -3.4608, -1.2948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1955, -4.9772, -8.0945 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(83, 107, 125)` looks like.

```
.text, #text, p{  
    color:rgb(83, 107, 125)  
}
```

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(83, 107, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 107, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1955, -4.9772, -8.0945 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(83, 107, 125) }
```


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

```
.border{ border-color:rgb(83, 107, 125) }
```

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

Here you see how a box with a 4 pixel rgb(83, 107, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 107, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 107, 125);  
box-shadow:4px 4px 4px 4px rgb(83, 107,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1955, -4.9772, -8.0945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 107, 125) }
```

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

```
.background{ background-color: rgb(83, 107,  
125) }
```

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