

Converting Colors

HunterLab(38.3256, -6.7400,
-6.5170)

Have a look what the booklet for
HunterLab(38.3256, -6.7400,
-6.5170) contains.

HunterLab(38.3256, -6.7400, -6.5170)	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(38.3256, -6.7400,
-6.5170)**

Conversions

Conversions Part 1	
Format	Color
Hex	536F7D
RGB	83, 111, 125
RGB Percent	33%, 44%, 49%
CMY	0.6745, 0.5647, 0.5098
CMYK	0.34, 0.11, 0.00, 0.51
HSL	200°, 20%, 41%
HSV	200°, 34%, 49%
XYZ	12.9534, 14.6885, 21.5545
YIQ	104.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

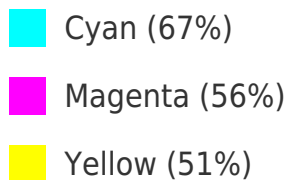
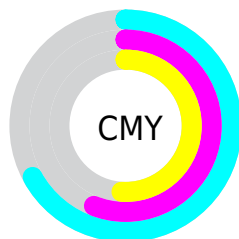
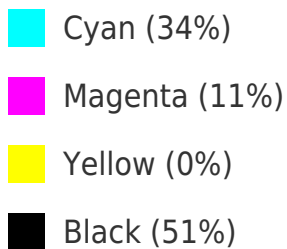
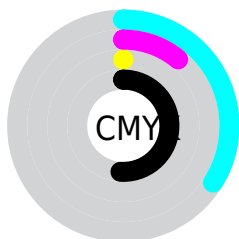
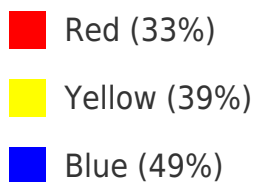
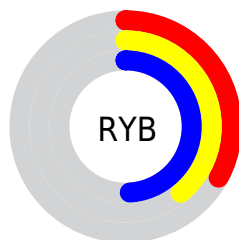
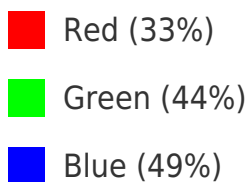
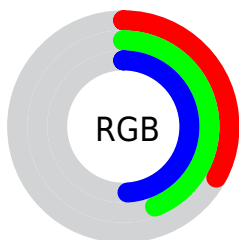
Format	Color
RYB	83, 100, 125
Decimal	5468029
CIELab	45.21, -6.51, -11.04
CIELCh	45, 12.811, 239.477
Yxy	14.6891, 0.2633, 0.2986
Android (android.graphics.Color)	4283658109 (0xFF536F7D)
YUV	104.2240, 10.2426, -18.6134
Hunter-Lab	38.3256, -6.7400, -6.5170

Details

The HunterLab color $38.3256, -6.7400, -6.5170$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.7887, 4.9734, 9.5665$, and the grayscale version is $37.2601, -1.9881, 2.0244$.

A 20% lighter version of the original color is $58.7172, -8.6228, -6.5001$, and $21.0574, -4.8491, -6.3613$ is the 20% darker color. If you saturate the color by 10%, you get $36.4454, -7.4338, -9.2366$, and if you desaturate by 10%, it is $40.2995, -5.7525, -3.8137$.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 38.3256, -6.7400, -6.5170 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 38.3256, -6.7400, -6.5170 by changing the saturation by 10% instead.


 38.3256, -6.7400,
-6.5170


 38.3256, -6.7400,
-6.5170


148.8209,
-15.4353, -4.6238


 29.3283, -5.8385,
-6.4281


 58.5720, -8.5676,
-6.4763


 21.1711, -4.9354,
-6.2573

 69.7178, -9.5000,
-6.3614

 13.9527, -4.0170,
-5.9978

 81.4927, -10.4473,
-6.1905

 7.5912, -4.1403,
-6.1484

 93.8646, -11.4107,
-5.9678

0.0000, NaN, -NF

0.0000, NaN, NaN

 106.8061,
-12.3909, -5.6969

0.0000, NaN, NaN

120.2931,

0.0000, NaN, NaN

-13.3883, -5.3809

0.0000, NaN, NaN

134.3043,
-14.4030, -5.0224

■ 38.3256, -6.7400,
-6.5170

■ 38.3256, -6.7400,
-6.5170

■ 36.4454, -7.4338,
-9.2366

■ 40.2995, -5.7525,
-3.8137

■ 34.6628, -7.8036,
-11.9647

■ 42.3585, -4.4989,
-1.1353

■ 32.9845, -7.8224,
-14.6878

■ 44.4976, -3.0068,
1.5144

■ 31.4157, -7.4675,
-17.3900

■ 46.7110, -1.3014,
4.1331

■ 29.9596, -6.7251,
-20.0538

■ 48.9936, 0.5946,
6.7202

■ 28.6155, -5.6014,
-22.6658

■ 51.3405, 2.6608,
9.2758

■ 27.7828, -4.7975,
-24.3698

■ 53.7473, 4.8794,
11.8012

■ 56.2102, 7.2346,
14.2978

■ 58.7254, 9.7126,
16.7675

Harmonies

Analogous

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



38.3264, -9.9499, -2.6181



38.3256, -6.7400, -6.5170



38.3264, -2.1335, -8.0627

Triad

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



38.3264, -6.7404, -6.5163



38.3264, 7.8927, 2.0039



38.3264, -6.5979, 9.1310

Complementary

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



38.3256, -6.7400, -6.5170



36.7887, 4.9734, 9.5665

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.



38.3264, -1.9606, 10.0474



38.3256, -6.7400, -6.5170



38.3264, 6.5530, 6.2608

Square

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



38.3264, -6.7404, -6.5163



38.3264, 6.4591, -2.7784



38.3264, 2.8836, 9.0652



38.3264, -9.8705, 6.3864

Rectangle

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



38.3256, -6.7400, -6.5170



38.3264, 1.1629, -7.4187



38.3264, 2.8836, 9.0652



38.3264, -5.1547, 9.6465

Sweetspot

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



38.3264, -6.7404, -6.5163



57.6329, -5.3839, -0.3245



41.6612, -17.0949, 9.5194



27.3316, -2.6733, -0.3492



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.



38.3264, -6.7404, -6.5163



49.4206, -9.7440, -11.4007



32.7888, 2.4202, -14.8373



21.5705, -1.9216, 0.0280



28.3599, -4.8652, -24.9450

0.0000, NaN, NaN

Inverse Universe

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



34.1973, 15.4245, -4.7327



42.9701, 25.9371, -8.0760



42.1632, -4.2906, 14.3974



20.9495, 1.1620, 0.1832



22.8176, 41.9504, -7.5389

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.3256, -6.7400, -6.5170 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 38.3256, -6.7400, -6.5170 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

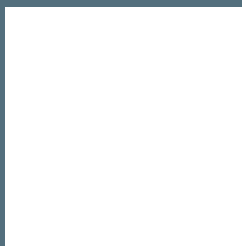
Any Text WCAG AAA ✗ Fail

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

HunterLab 38.3256, -6.7400, -6.5170 Background



This preview shows how black text looks on a background with the HunterLab color 38.3256, -6.7400, -6.5170.



This preview shows how white text looks on a background with the HunterLab color 38.3256, -6.7400, -6.5170.

-6.5170.

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

38.3256, -6.7400, -6.5170

Protanopia

38.2835, 0.0323, -4.9247

Deuteranopia

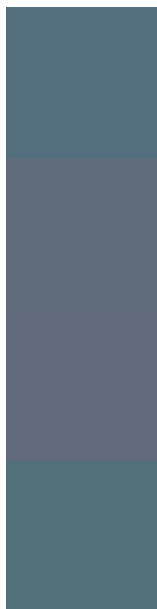
38.1219, 2.4900, -7.1649



Tritanopia

38.4222, -8.1215, -4.3803

Trichromacy



Original Color

38.3256, -6.7400, -6.5170

Protanomaly

38.2648, -2.7677, -5.5051

Deuteranomaly

38.2340, -1.2661, -7.0715

Tritanomaly

38.4543, -7.9407, -4.8324

Monochromacy



Original Color

38.3256, -6.7400, -6.5170

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.6458, -4.2103, -1.0193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3256, -6.7400, -6.5170 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, 111, 125)` looks like.

```
.text, #text, p{  
    color:rgb(83, 111, 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, 111, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 111, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3256, -6.7400, -6.5170 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, 111, 125) }
```


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

```
.border{ border-color:rgb(83, 111, 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, 111, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 111, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 111, 125);  
box-shadow:4px 4px 4px 4px rgb(83, 111,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3256, -6.7400, -6.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 111, 125) }
```

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

```
.background{ background-color: rgb(83, 111,  
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