

Converting Colors

HunterLab(50.4364, -13.8188,
-7.2424)

Have a look what the booklet for
HunterLab(50.4364, -13.8188,
-7.2424) contains.

HunterLab(50.3523, -13.7964, -7.3043)	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(50.3523,
-13.7964, -7.3043)**

Conversions

Conversions Part 1	
Format	Color
Hex	5D929E
RGB	93, 146, 158
RGB Percent	36%, 57%, 62%
CMY	0.6353, 0.4274, 0.3804
CMYK	0.41, 0.08, 0.00, 0.38
HSL	191°, 26%, 49%
HSV	191°, 41%, 62%
XYZ	20.9646, 25.3535, 36.1366
YIQ	131.5210, -35.4400, -7.5040

Conversions

Conversions Part 2

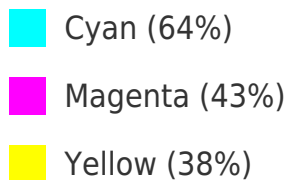
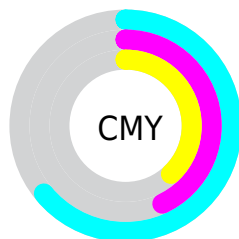
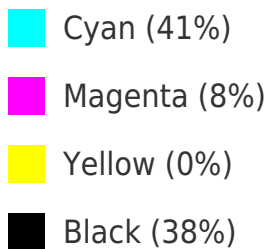
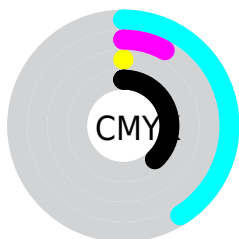
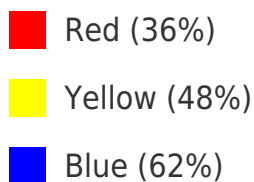
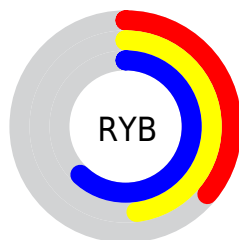
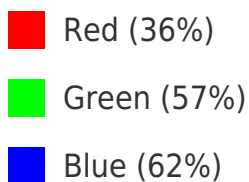
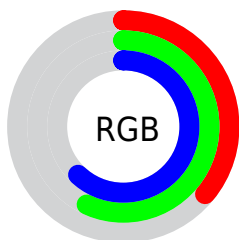
Format	Color
RYB	93, 122, 158
Decimal	6132382
CIELab	57.42, -14.36, -11.89
CIELCh	57, 18.639, 219.623
Yxy	25.3545, 0.2543, 0.3075
Android (android.graphics.Color)	4284322462 (0xFF5D929E)
YUV	131.5210, 13.0541, -33.7829
Hunter-Lab	50.3523, -13.7964, -7.3043

Details

The HunterLab color **50.3523, -13.7964, -7.3043** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **42.6181, 13.9117, 12.0966**, and the grayscale version is **47.8075, -2.5509, 2.5975**.

A 20% lighter version of the original color is **72.2659, -16.5025, -7.4065**, and **31.1401, -10.8098, -7.4850** is the 20% darker color. If you saturate the color by 10%, you get **48.7089, -15.3051, -9.6289**, and if you desaturate by 10%, it is **52.1313, -11.8303, -4.8743**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.3523, -13.7964, -7.3043 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 50.3523, -13.7964, -7.3043 by changing the saturation by 10% instead.


 50.3523, -13.7964,
-7.3043


 50.3523, -13.7964,
-7.3043


167.2121,
-25.9263, -5.1450


 40.4245, -12.4076,
-7.2694


 72.2716, -16.5133,
-7.1769

 31.2507, -10.9812,
-7.1617


 84.1812, -17.8559,
-7.0270

 22.9000, -9.4960,
-6.9732

 96.6814, -19.1948,
-6.8252

 15.4635, -7.9144,
-6.6988

 109.7456,
-20.5332, -6.5749

 9.0629, -7.3869,
-6.3681

123.3504,
-21.8738, -6.2793

0.0000, NaN, -NF

0.0000, NaN, NaN

137.4751,

-23.2185, -5.9410

0.0000, NaN, NaN

152.1012,
-24.5690, -5.5622

0.0000, NaN, NaN

■ 50.3523, -13.7964,
-7.3043

■ 50.3523, -13.7964,
-7.3043

■ 48.7089, -15.3051,
-9.6289

■ 52.1313, -11.8303,
-4.8743

■ 47.2009, -16.3316,
-11.8342

■ 54.0389, -9.4358,
-2.3582

■ 45.8296, -16.8630,
-13.9043

■ 56.0710, -6.6471,
0.2290

■ 44.5925, -16.9007,
-15.8282

■ 58.2219, -3.4993,
2.8731

■ 43.4828, -16.4665,
-17.6021

■ 60.4855, -0.0275,
5.5615

■ 42.5742, -15.8068,
-19.0918

■ 62.8556, 3.7352,
8.2835

■ 65.3262, 7.7577,
11.0303

■ 67.8914, 12.0115,
13.7948

■ 70.5456, 16.4711,
16.5712

Harmonies

Analogous

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



50.3533, -16.7244, 0.2808



50.3523, -13.7964, -7.3043



50.3533, -7.8383, -12.6634

Triad

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



50.3533, -13.7968, -7.3035



50.3533, 12.2565, -2.5196



50.3533, -5.1881, 14.9423

Complementary

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



50.3523, -13.7964, -7.3043



42.6181, 13.9117, 12.0966

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.



50.3533, 2.6750, 14.4291



50.3523, -13.7964, -7.3043



50.3533, 13.0740, 5.0827

Square

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



50.3533, -13.7968, -7.3035



50.3533, 7.3033, -9.6213



50.3533, 9.4729, 11.0654



50.3533, -11.9589, 12.5942

Rectangle

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



50.3523, -13.7964, -7.3043



50.3533, -2.7886, -13.8362



50.3533, 9.4729, 11.0654



50.3533, -2.5902, 15.0894

Sweetspot

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



50.3533, -13.7968, -7.3035



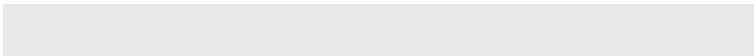
75.2519, -9.3941, -0.0778



52.7254, -26.9733, 17.0128



35.5709, -4.6851, -0.2381



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



50.3533, -13.7968, -7.3035



65.8913, -20.4182, -12.6139



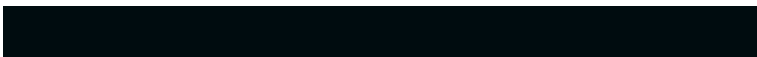
40.9113, 1.0806, -21.6519



27.0206, -2.9085, 0.3469



38.1700, -14.2390, -16.9712



5.5676, -2.5074, -1.5462

Inverse Universe

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



41.4413, 27.4237, -12.8921



51.9600, 45.6439, -21.3863



51.0588, -1.6675, 19.4069



25.9491, 1.7202, -0.2736



26.6327, 50.3823, -19.7898



3.6307, 6.9812, -3.5730

Previews

White Background



This preview shows how the HunterLab color 50.3523, -13.7964, -7.3043 looks on a white background.

Color Contrast Check

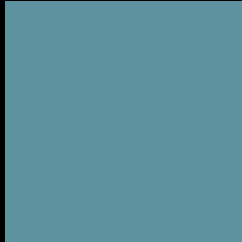
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.3523, -13.7964, -7.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

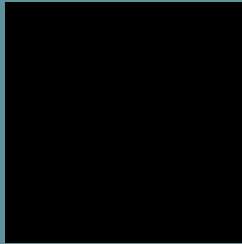
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 50.3523, -13.7964, -7.3043 Background



This preview shows how black text looks on a background with the HunterLab color 50.3523, -13.7964, -7.3043.



This preview shows how white text looks on a background with the HunterLab color 50.3523,

-13.7964, -7.3043.

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

50.3523, -13.7964, -7.3043

Protanopia

50.0262, -0.2575, -4.3852

Deuteranopia

50.1122, 3.5107, -8.9531



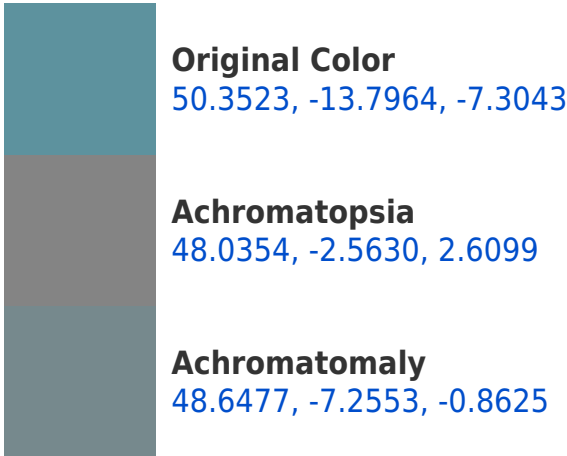
Tritanopia

50.3523, -13.7964, -7.3043

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3523, -13.7964, -7.3043 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(93, 146, 158)` looks like.

```
.text, #text, p{  
    color:rgb(93, 146, 158)  
}
```

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(93, 146, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 146, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3523, -13.7964, -7.3043 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(93, 146, 158) }
```


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

```
.border{ border-color:rgb(93, 146, 158) }
```

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

Here you see how a box with a 4 pixel rgb(93, 146, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 146, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 146, 158);  
box-shadow:4px 4px 4px 4px rgb(93, 146,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3523, -13.7964, -7.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 146, 158) }
```

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

```
.background{ background-color: rgb(93, 146,  
158) }
```

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