

# Converting Colors

HunterLab(37.2569, -4.8890,  
-9.3535)

Have a look what the booklet for  
HunterLab(37.2569, -4.8890,  
-9.3535) contains.

<b>HunterLab(37.2394, -4.6120, -9.6486)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(37.2394, -4.6120,  
-9.6486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	526B80
RGB	82, 107, 128
RGB Percent	32%, 42%, 50%
CMY	0.6784, 0.5804, 0.4980
CMYK	0.36, 0.16, 0.00, 0.50
HSL	207°, 22%, 41%
HSV	207°, 36%, 50%
XYZ	12.6336, 13.8677, 22.4329
YIQ	101.9190, -21.6410, 1.2310

# Conversions

## Conversions Part 2

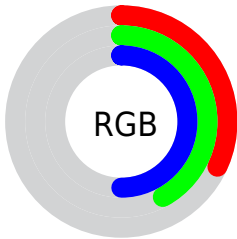
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 98, 128
Decimal	5401472
CIE <sub>Lab</sub>	44.04, -3.63, -14.60
CIE <sub>LCh</sub>	44, 15.047, 256.029
Yxy	13.8683, 0.2582, 0.2834
Android (android.graphics.Color)	4283591552 (0xFF526B80)
YUV	101.9190, 12.8579, -17.4690
Hunter-Lab	37.2394, -4.6120, -9.6486

# Details

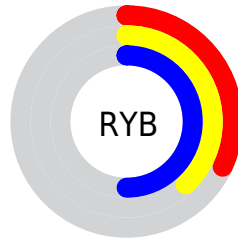
The HunterLab color **37.2394, -4.6120, -9.6486** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **38.5993, 3.0920, 11.5766**, and the grayscale version is **36.3802, -1.9412, 1.9766**.

A 20% lighter version of the original color is **57.2507, -5.9039, -10.0990**, and **20.3379, -3.2332, -9.0889** is the 20% darker color. If you saturate the color by 10%, you get **34.8846, -4.5884, -13.2944**, and if you desaturate by 10%, it is **39.6946, -4.3380, -6.1202**.

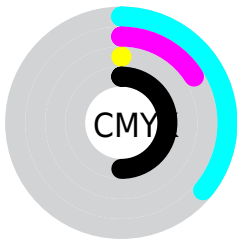
# Distribution



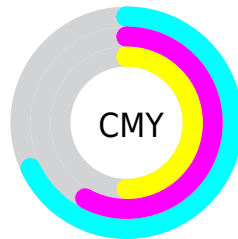
- Red (32%)
- Green (42%)
- Blue (50%)



- Red (32%)
- Yellow (38%)
- Blue (50%)



- Cyan (36%)
- Magenta (16%)
- Yellow (0%)
- Black (50%)



- Cyan (68%)
- Magenta (58%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2394, -4.6120, -9.6486 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 37.2394, -4.6120, -9.6486 by changing the saturation by 10% instead.



37.2394, -4.6120,  
-9.6486

37.2394, -4.6120,  
-9.6486

147.1087,  
-12.0393, -8.9982

28.3357, -3.9016,  
-9.4050

57.3194, -6.1010,  
-9.9119

20.2820, -3.2105,  
-9.0843

68.3897, -6.8804,  
-9.9432

13.1807, -2.5336,  
-8.6973

80.0932, -7.6832,  
-9.9143

6.6905, -2.7233,  
-9.6453

92.3973, -8.5092,  
-9.8293

0.0000, NaN, -NF

0.0000, NaN, NaN

105.2739, -9.3583,  
-9.6921

0.0000, NaN, NaN

118.6986,

0.0000, NaN, NaN

-10.2299, -9.5059

0.0000, NaN, NaN

132.6499,  
-11.1237, -9.2738

■ 37.2394, -4.6120,  
-9.6486

■ 37.2394, -4.6120,  
-9.6486

■ 34.8846, -4.5884,  
-13.2944

■ 39.6946, -4.3380,  
-6.1202

■ 32.6378, -4.2274,  
-17.0620

■ 42.2391, -3.8008,  
-2.7053

■ 30.5104, -3.4898,  
-20.9469

■ 44.8658, -3.0327,  
0.6050

■ 28.5131, -2.3382,  
-24.9374

■ 47.5677, -2.0615,  
3.8198

■ 26.6561, -0.7446,  
-29.0120

■ 50.3385, -0.9115,  
6.9485

■ 24.9387, 1.2716,  
-33.1633

■ 53.1730, 0.3966,  
10.0002

■ 24.2589, 2.1336,  
-34.9275

■ 56.0663, 1.8450,  
12.9835

■ 59.0143, 3.4184,  
15.9065

■ 62.0133, 5.1036,  
18.7762

# Harmonies

## Analogous

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



37.2401, -9.3353, -6.3340



37.2394, -4.6120, -9.6486



37.2401, 1.1029, -9.5212

# Triad

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



37.2401, -4.6124, -9.6479



37.2401, 9.2051, 4.8070



37.2401, -9.5927, 8.5955

# Complementary

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



37.2394, -4.6120, -9.6486



38.5993, 3.0920, 11.5766

# 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.



37.2401, -4.9833, 10.7604



37.2394, -4.6120, -9.6486



37.2401, 5.9749, 8.8098

# Square

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



37.2401, -4.6124, -9.6479



37.2401, 9.3194, -0.5936



37.2401, 0.7090, 10.8324



37.2401, -12.0908, 4.4702



# Rectangle

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



37.2394, -4.6120, -9.6486



37.2401, 4.7169, -7.4861



37.2401, 0.7090, 10.8324



37.2401, -8.2517, 9.5473

# Sweetspot

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



37.2401, -4.6124, -9.6479



57.6659, -4.6017, -1.5160



42.6682, -17.6392, 8.2613



27.7158, -2.2801, -0.9702



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



37.2401, -4.6124, -9.6479



46.8857, -6.1279, -16.6856



31.2091, 5.8390, -19.4645



21.3744, -1.6013, -0.2087



24.1621, 2.1142, -34.7645

0.0000, NaN, NaN



# Inverse Universe

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



34.1844, 16.2760, -2.7774



42.2729, 27.2257, -4.7068



44.7703, -7.1880, 16.8893



20.9292, 1.0529, 0.4720



22.3246, 40.1726, -0.6214

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 37.2394, -4.6120, -9.6486 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 37.2394, -4.6120, -9.6486 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

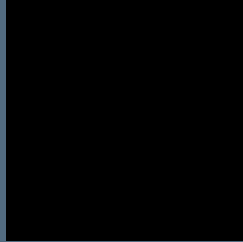
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

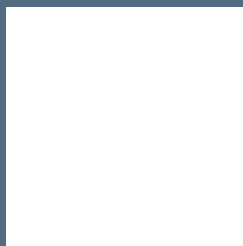
Any Text WCAG AAA × Fail

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

# HunterLab 37.2394, -4.6120, -9.6486 Background



This preview shows how black text looks on a background with the HunterLab color 37.2394, -4.6120, -9.6486.



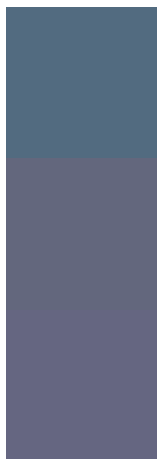
This preview shows how white text looks on a background with the HunterLab color 37.2394, -4.6120, -9.6486.

-9.6486.

# 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

37.2394, -4.6120, -9.6486

### Protanopia

37.1938, 0.6476, -7.9984

### Deuteranopia

37.2215, 2.3876, -10.1051



## Tritanopia

37.2928, -8.0017, -4.4097

# Trichromacy



## Original Color

37.2394, -4.6120, -9.6486

## Protanomaly

37.0596, -1.1292, -8.7628

## Deuteranomaly

37.2361, -0.3095, -10.1304

## Tritanomaly

37.1964, -6.6261, -6.5445

# Monochromacy



## Original Color

37.2394, -4.6120, -9.6486

## Achromatopsia

36.4511, -1.9449, 1.9805

## Achromatomaly

36.7168, -3.2962, -1.7177

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 37.2394, -4.6120, -9.6486 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(82, 107, 128)` looks like.

```
.text, #text, p{  
    color:rgb(82, 107, 128)  
}
```

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(82, 107, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 107, 128) }
```

## Border

The CSS property to change the border of an element to HunterLab 37.2394, -4.6120, -9.6486 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(82, 107, 128) }
```



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

```
.border{ border-color:rgb(82, 107, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 107, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 107, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 107, 128);  
box-shadow:4px 4px 4px 4px rgb(82, 107,  
128) }
```

# Background

The CSS property to change the background color of an element to HunterLab 37.2394, -4.6120, -9.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 107, 128) }
```

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

```
.background{ background-color: rgb(82, 107,  
128) }
```

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