

Converting Colors

HunterLab(29.7749, -5.8543,
2.7692)

Have a look what the booklet for
HunterLab(29.7749, -5.8543, 2.7692)
contains.

HunterLab(29.7764, -5.8450, 2.7453) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(29.7764, -5.8450,
2.7453)**

Conversions

Conversions Part 1	
Format	Color
Hex	4A5751
RGB	74, 87, 81
RGB Percent	29%, 34%, 32%
CMY	0.7098, 0.6588, 0.6824
CMYK	0.15, 0.00, 0.07, 0.66
HSL	152°, 8%, 32%
HSV	152°, 15%, 34%
XYZ	7.7175, 8.8663, 9.0892
YIQ	82.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

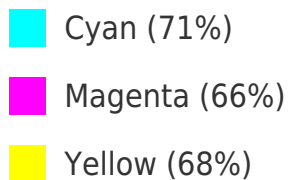
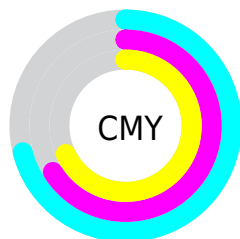
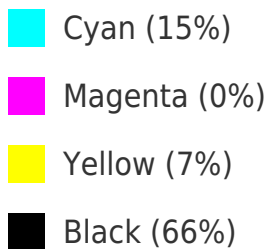
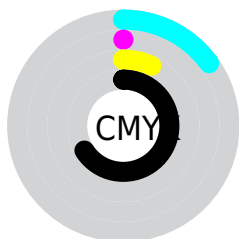
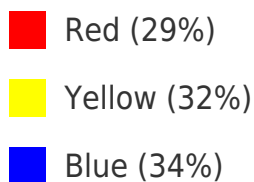
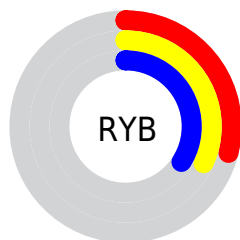
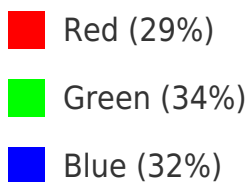
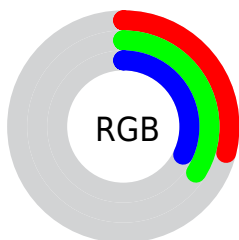
Format	Color
RYB	74, 82, 87
Decimal	4872017
CIELab	35.73, -6.44, 1.77
CIELCh	36, 6.684, 164.603
Yxy	8.8667, 0.3006, 0.3454
Android (android.graphics.Color)	4283062097 (0xFF4A5751)
YUV	82.4290, -0.7045, -7.3922
Hunter-Lab	29.7764, -5.8450, 2.7453

Details

The HunterLab color $29.7764, -5.8450, 2.7453$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $27.3920, 3.0722, 0.5044$, and the grayscale version is $29.2080, -1.5585, 1.5869$.

A 20% lighter version of the original color is $48.6970, -7.7185, 4.1586$, and $14.3719, -4.0701, 1.5641$ is the 20% darker color. If you saturate the color by 10%, you get $29.1315, -8.4113, 3.5194$, and if you desaturate by 10%, it is $30.4931, -3.0809, 2.0184$.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7764, -5.8450, 2.7453 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 29.7764, -5.8450, 2.7453 by changing the saturation by 10% instead.

■ 29.7764, -5.8450,
2.7453

■ 29.7764, -5.8450,
2.7453

135.0483,
-14.3879, 9.2368

■ 21.5739, -4.9474,
2.1798

■ 48.6219, -7.6485,
3.9787

■ 14.3036, -4.0355,
1.6485

■ 59.1366, -8.5647,
4.6433

■ 7.9621, -3.9521,
1.3573

■ 70.3161, -9.4945,
5.3386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.1228, -10.4395,
6.0632

0.0000, NaN, NaN

■ 94.5250, -11.4009,
6.8163

0.0000, NaN, NaN

107.4955,

0.0000, NaN, NaN

-12.3792, 7.5968

0.0000, NaN, NaN

121.0103,
-13.3748, 8.4039

■ 29.7764, -5.8450,
2.7453

■ 29.7764, -5.8450,
2.7453

■ 29.1315, -8.4113,
3.5194

■ 30.4931, -3.0809,
2.0184

■ 28.5579, -10.7573,
4.3337

■ 31.2780, -0.1390,
1.3418

■ 28.0567, -12.8650,
5.1816

■ 32.1295, 2.9582,
0.7186

■ 27.6277, -14.7198,
6.0547

■ 33.0449, 6.1894,
0.1506

■ 27.2698, -16.3115,
6.9436

■ 34.0216, 9.5349,
-0.3616

■ 26.9805, -17.6365,
7.8377

■ 35.0566, 12.9764,
-0.8185

■ 26.7564, -18.6986,
8.7262

■ 36.1471, 16.4977,
-1.2210

■ 26.5816, -19.5555,
9.5874

■ 37.2901, 20.0844,
-1.5709

■ 26.4966, -19.9728,
9.9972

■ 38.4827, 23.7241,
-1.8702

Harmonies

Analogous

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



29.7770, -4.7142, 4.5369



29.7764, -5.8450, 2.7453



29.7770, -5.8609, 0.5104

Triad

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



29.7770, -5.8456, 2.7457



29.7770, -0.4362, -2.8724



29.7770, 1.7141, 4.4989

Complementary

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



29.7764, -5.8450, 2.7453



27.3920, 3.0722, 0.5044

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.



29.7770, 2.9352, 2.6901



29.7764, -5.8450, 2.7453



29.7770, 1.6677, -1.6237

Square

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



29.7770, -5.8456, 2.7457



29.7770, -2.7872, -2.8546



29.7770, 2.9180, 0.4503



29.7770, -0.3744, 5.4941

Rectangle

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



29.7764, -5.8450, 2.7453



29.7770, -5.2388, -0.9396



29.7770, 2.9180, 0.4503



29.7770, 2.2425, 3.9724

Sweetspot

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



29.7770, -5.8456, 2.7457



39.9139, -3.7197, 2.5621



30.0327, -5.2558, 5.6238



19.6899, -1.9328, 1.2888



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.7770, -5.8456, 2.7457



38.5809, -8.8863, 3.9476



29.8175, -4.7807, 0.3594



15.3215, -2.1107, 1.1620



32.9216, -24.9548, 12.7211



77.9116, -59.8705, 31.8605

Inverse Universe

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



27.3920, 3.0722, 0.5044



34.7259, 5.5394, 0.3303



27.3432, 2.0544, 2.8365



14.6062, 0.5614, 0.4886



18.3234, 32.6098, 2.3018



43.2240, 76.5416, 8.4013

Previews

White Background



This preview shows how the HunterLab color 29.7764, -5.8450, 2.7453 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



This preview shows how the HunterLab color 29.7764, -5.8450, 2.7453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

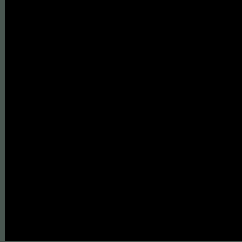
Any Text WCAG AA × Fail

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 29.7764, -5.8450, 2.7453 Background



This preview shows how black text looks on a background with the HunterLab color 29.7764, -5.8450, 2.7453.



This preview shows how white text looks on a background with the HunterLab color 29.7764, -5.8450,

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

29.7764, -5.8450, 2.7453

Protanopia

29.8054, -1.7371, 3.6208

Deuteranopia

29.7005, 1.9916, 2.4008



Tritanopia

29.6753, -2.8438, -1.9938

Trichromacy



Original Color

29.7764, -5.8450, 2.7453

Protanomaly

29.7826, -3.1163, 3.1886

Deuteranomaly

29.6212, -0.8925, 2.2587

Tritanomaly

29.7591, -4.1476, -0.1295

Monochromacy



Original Color

29.7764, -5.8450, 2.7453

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.3464, -3.1962, 1.8994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7764, -5.8450, 2.7453 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(74, 87, 81)` looks like.

```
.text, #text, p{  
    color:rgb(74, 87, 81)  
}
```

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(74, 87, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 87, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7764, -5.8450, 2.7453 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(74, 87, 81) }
```


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

```
.border{ border-color:rgb(74, 87, 81) }
```

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

Here you see how a box with a 4 pixel rgb(74, 87, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 87, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 87, 81);  
box-shadow:4px 4px 4px 4px rgb(74, 87, 81)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7764, -5.8450, 2.7453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 87, 81) }
```

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

```
.background{ background-color: rgb(74, 87,  
81) }
```

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