

Converting Colors

HunterLab(28.8098, -2.9709,
5.6145)

Have a look what the booklet for
HunterLab(28.8098, -2.9709, 5.6145)
contains.

HunterLab(28.7587, -3.1406, 5.7201)	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(28.7587, -3.1406,
5.7201)**

Conversions

Conversions Part 1

Format	Color
Hex	525246
RGB	82, 82, 70
RGB Percent	32%, 32%, 27%
CMY	0.6784, 0.6784, 0.7255
CMYK	0.00, 0.00, 0.15, 0.68
HSL	60°, 8%, 30%
HSV	60°, 15%, 32%
XYZ	7.6025, 8.2706, 6.9901
YIQ	80.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

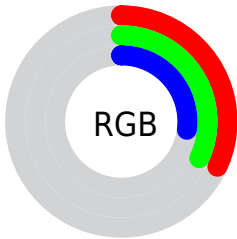
Format	Color
R_YB	70, 82, 70
Decimal	5395014
CIE Lab	34.54, -2.42, 7.06
CIE LCh	35, 7.459, 108.898
Yxy	8.2710, 0.3325, 0.3617
Android (android.graphics.Color)	4283585094 (0xFF525246)
YUV	80.6320, -5.2416, 1.1997
Hunter-Lab	28.7587, -3.1406, 5.7201

Details

The HunterLab color $28.7587, -3.1406, 5.7201$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $25.0836, 0.5038, -3.4045$, and the grayscale version is $28.5696, -1.5244, 1.5522$.

A 20% lighter version of the original color is $47.2926, -4.4574, 7.5759$, and $13.3999, -1.8387, 3.6368$ is the 20% darker color. If you saturate the color by 10%, you get $28.5908, -4.0766, 8.1546$, and if you desaturate by 10%, it is $28.9513, -2.0826, 2.9648$.

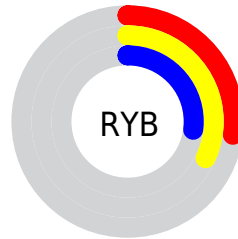
Distribution



Red (32%)

Green (32%)

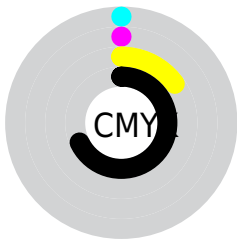
Blue (27%)



Red (27%)

Yellow (32%)

Blue (27%)

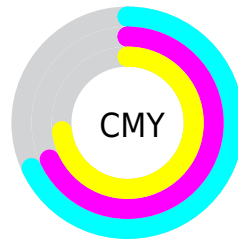


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (68%)



Cyan (68%)

Magenta (68%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7587, -3.1406, 5.7201 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 28.7587, -3.1406, 5.7201 by changing the saturation by 10% instead.

■ 28.7587, -3.1406,
5.7201

■ 28.7587, -3.1406,
5.7201

■ 133.3575, -9.8188,
14.5635

■ 20.6612, -2.5373,
4.7702

■ 47.4215, -4.4353,
7.6067

■ 13.5095, -1.9604,
3.7927

■ 57.8547, -5.1250,
8.5586

■ 7.0903, -1.8634,
4.5114

■ 68.9574, -5.8423,
9.5217

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.6915, -6.5865,
10.4984

0.0000, NaN, NaN

■ 93.0247, -7.3570,
11.4902

0.0000, NaN, NaN

105.9291, -8.1530,

0.0000, NaN, NaN

12.4979

0.0000, NaN, NaN

119.3805, -8.9738,
13.5222

■ 28.7587, -3.1406,
5.7201

■ 28.7587, -3.1406,
5.7201

■ 28.5908, -4.0766,
8.1546

■ 28.9513, -2.0826,
2.9648

■ 28.4452, -4.8895,
10.2698

■ 29.1672, -0.9004,
-0.1125

■ 28.3217, -5.5820,
12.0717

■ 29.4074, 0.4043,
-3.5091

■ 28.2195, -6.1574,
13.5689

■ 29.6721, 1.8299,
-7.2206

■ 28.1375, -6.6204,
14.7730

■ 29.9613, 3.3738,
-11.2403

■ 28.0746, -6.9767,
15.6995

■ 30.2753, 5.0328,
-15.5601

■ 28.0293, -7.2338,
16.3678

■ 30.6138, 6.8031,
-20.1703

■ 27.9963, -7.4209,
16.8538

■ 30.9767, 8.6806,
-25.0599

■ 27.9791, -7.5191,
17.1089

■ 31.3638, 10.6606,
-30.2170

Harmonies

Analogous

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



28.7593, -0.5647, 5.8617



28.7587, -3.1406, 5.7201



28.7593, -5.2160, 4.5265

Triad

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



28.7593, -3.1414, 5.7205



28.7593, -4.7571, -2.2637



28.7593, 3.5489, 0.6323

Complementary

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



28.7587, -3.1406, 5.7201



25.0836, 0.5038, -3.4045

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.



28.7593, 2.3387, -1.7483



28.7587, -3.1406, 5.7201



28.7593, -2.4947, -3.5167

Square

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



28.7593, -3.1414, 5.7205



28.7593, -6.1256, -0.0219



28.7593, 0.1052, -3.3201



28.7593, 3.3607, 3.0672

Rectangle

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



28.7587, -3.1406, 5.7201



28.7593, -6.0639, 3.2295



28.7593, 0.1052, -3.3201



28.7593, 3.2905, -0.2044

Sweetspot

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



28.7593, -3.1414, 5.7205



38.2672, -2.6785, 3.7267



25.7227, 2.0039, 2.5292



18.9905, -1.3664, 1.9456



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



28.7593, -3.1414, 5.7205



37.9074, -4.6649, 8.8967



28.3085, -4.7479, 5.2243



14.7350, -1.2910, 2.1068



36.0372, -9.6849, 22.0364



86.5444, -23.2595, 52.9211

Inverse Universe

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



25.0836, 0.5038, -3.4045



31.7491, 1.4605, -6.4384



25.5465, 2.0658, -2.7499



13.6112, -0.1798, -0.6745



10.0539, 27.2700, -71.4285



24.1439, 65.4893, -171.5449

Previews

White Background



This preview shows how the HunterLab color 28.7587, -3.1406, 5.7201 looks on a white background.

Color Contrast Check

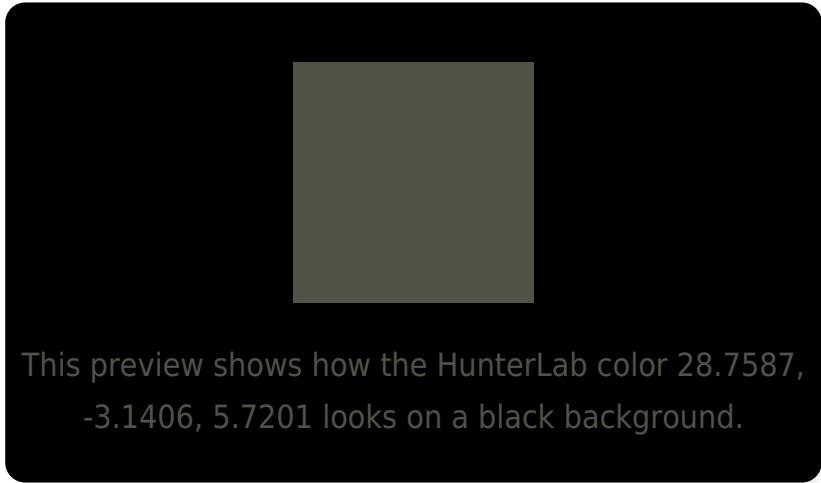
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

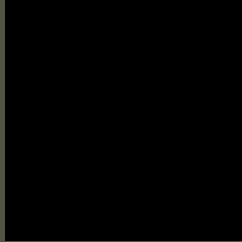
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

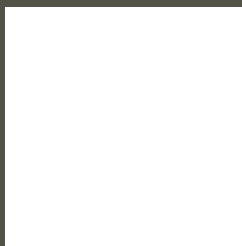
Any Text WCAG AAA × Fail

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

HunterLab 28.7587, -3.1406, 5.7201 Background



This preview shows how black text looks on a background with the HunterLab color 28.7587, -3.1406, 5.7201.

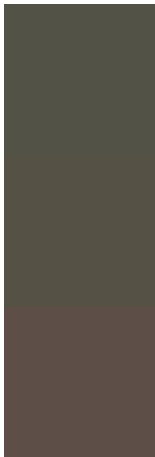


This preview shows how white text looks on a background with the HunterLab color 28.7587, -3.1406, 5.7201.

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

28.7587, -3.1406, 5.7201

Protanopia

28.7155, -1.9968, 6.0345

Deuteranopia

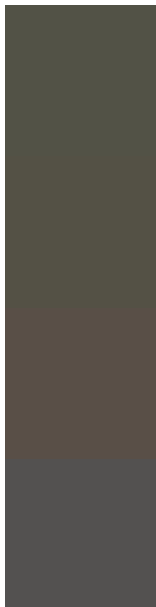
28.6895, 1.9066, 5.3922



Tritanopia

28.7993, 0.4533, -0.3713

Trichromacy



Original Color

28.7587, -3.1406, 5.7201

Protanomaly

28.6345, -2.2804, 5.9467

Deuteranomaly

28.5845, 0.2660, 5.2535

Tritanomaly

28.8150, -1.1309, 2.1198

Monochromacy



Original Color

28.7587, -3.1406, 5.7201

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.5832, -2.0889, 3.0123

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7587, -3.1406, 5.7201 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, 82, 70)` looks like.

```
.text, #text, p{  
    color:rgb(82, 82, 70)  
}
```

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, 82, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 82, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7587, -3.1406, 5.7201 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, 82, 70) }
```


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

```
.border{ border-color:rgb(82, 82, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 82, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 82, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 82, 70);  
box-shadow:4px 4px 4px 4px rgb(82, 82, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7587, -3.1406, 5.7201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 82, 70) }
```

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

```
.background{ background-color: rgb(82, 82,  
70) }
```

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