

Converting Colors

HunterLab(28.7665, -5.5154,
10.1723)

Have a look what the booklet for
HunterLab(28.7665, -5.5154,
10.1723) contains.

HunterLab(28.6560, -5.4472, 10.0840)	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(28.6560, -5.4472,
10.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	515337
RGB	81, 83, 55
RGB Percent	32%, 33%, 22%
CMY	0.6824, 0.6745, 0.7843
CMYK	0.02, 0.00, 0.34, 0.67
HSL	64°, 20%, 27%
HSV	64°, 34%, 33%
XYZ	7.1762, 8.2117, 4.8212
YIQ	79.2100, 7.7960, -9.1320

Conversions

Conversions Part 2

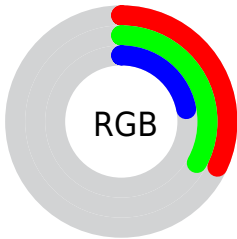
Format	Color
R_{YB}	55, 83, 57
Decimal	5329719
CIE _{Lab}	34.42, -6.00, 16.18
CIE _{LCh}	34, 17.253, 110.356
Yxy	8.2120, 0.3551, 0.4063
Android (android.graphics.Color)	4283519799 (0xFF515337)
YUV	79.2100, -11.9355, 1.5698
Hunter-Lab	28.6560, -5.4472, 10.0840

Details

The HunterLab color $28.6560, -5.4472, 10.0840$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $20.5596, 4.0899, -10.8610$, and the grayscale version is $28.0780, -1.4982, 1.5255$.

A 20% lighter version of the original color is $47.2092, -6.9591, 13.1812$, and $13.3710, -3.5478, 6.6347$ is the 20% darker color. If you saturate the color by 10%, you get $28.4832, -6.3335, 11.9080$, and if you desaturate by 10%, it is $28.8527, -4.4423, 7.9467$.

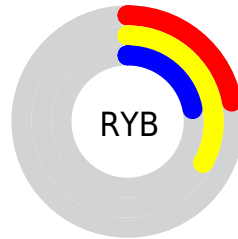
Distribution



Red (32%)

Green (33%)

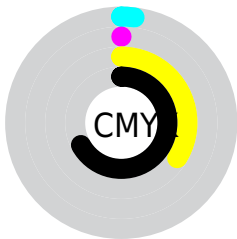
Blue (22%)



Red (22%)

Yellow (33%)

Blue (22%)

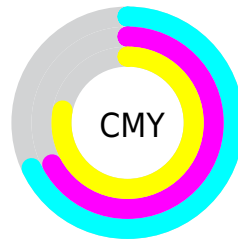


Cyan (2%)

Magenta (0%)

Yellow (34%)

Black (67%)



Cyan (68%)

Magenta (67%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6560, -5.4472, 10.0840 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 28.6560, -5.4472, 10.0840 by changing the saturation by 10% instead.

■ 28.6560, -5.4472,
10.0840

■ 28.6560, -5.4472,
10.0840

■ 133.1862,
-13.7686, 23.3575

■ 20.5692, -4.5820,
8.3858

■ 47.3002, -7.1928,
13.2252

■ 13.4297, -3.7048,
6.7193

■ 57.7250, -8.0822,
14.7218

■ 6.9956, -4.1118,
4.8969

■ 68.8199, -8.9867,
16.1899

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.5466, -9.9077,
17.6390

0.0000, NaN, NaN

■ 92.8727, -10.8460,
19.0759

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.7704,

-11.8020, 20.5055

0.0000, NaN, NaN

119.2154,
-12.7762, 21.9318

■ 28.6560, -5.4472,
10.0840

■ 28.6560, -5.4472,
10.0840

■ 28.4832, -6.3335,
11.9080

■ 28.8527, -4.4423,
7.9467

■ 28.3315, -7.1011,
13.4247

■ 29.0720, -3.3152,
5.4911

■ 28.2007, -7.7543,
14.6449

■ 29.3149, -2.0667,
2.7163

■ 28.0897, -8.2981,
15.5825

■ 29.5818, -0.6978,
-0.3764

■ 27.9970, -8.7393,
16.2560

■ 29.8730, 0.7899,
-3.7835

■ 27.9184, -9.1014,
16.7267

■ 30.1886, 2.3936,
-7.4993

■ 27.8701, -9.3234,
17.0102

■ 30.5286, 4.1103,
-11.5164

■ 30.8929, 5.9362,
-15.8259

■ 31.2814, 7.8669,
-20.4175

Harmonies

Analogous

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



28.6566, 0.4352, 10.4327



28.6560, -5.4472, 10.0840



28.6566, -9.9126, 7.7351

Triad

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



28.6566, -5.4480, 10.0843



28.6566, -8.5503, -8.2838



28.6566, 10.8013, -0.3475

Complementary

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



28.6560, -5.4472, 10.0840



20.5596, 4.0899, -10.8610

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.



28.6566, 7.9415, -6.3951



28.6560, -5.4472, 10.0840



28.6566, -3.4447, -11.5623

Square

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



28.6566, -5.4480, 10.0843



28.6566, -11.5984, -2.5421



28.6566, 2.6093, -10.8076



28.6566, 10.1532, 5.1328

Rectangle

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



28.6560, -5.4472, 10.0840



28.6566, -11.6405, 5.0212



28.6566, 2.6093, -10.8076



28.6566, 10.2100, -2.3956

Sweetspot

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



28.6566, -5.4480, 10.0843



38.0430, -3.7902, 5.9816



22.4235, 6.2421, 4.3693



18.8738, -1.9435, 3.1065



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.



28.6566, -5.4480, 10.0843



37.2218, -8.0030, 15.0076



27.6781, -9.0515, 9.1538



14.7148, -1.3618, 2.0836



35.4361, -11.9253, 21.6268



85.0046, -29.0026, 51.8717

Inverse Universe

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



20.5596, 4.0899, -10.8610



24.4225, 7.2836, -18.6593



21.6602, 7.5560, -8.9229



13.6309, -0.1122, -0.6481



10.2904, 27.4440, -69.4840



24.3813, 65.6608, -169.5690

Previews

White Background



This preview shows how the HunterLab color 28.6560, -5.4472, 10.0840 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

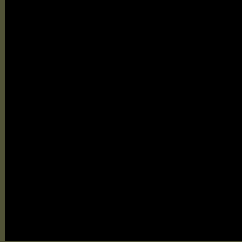
Any Text WCAG AA × Fail

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 28.6560, -5.4472, 10.0840 Background



This preview shows how black text looks on a background with the HunterLab color 28.6560, -5.4472, 10.0840.



This preview shows how white text looks on a background with the HunterLab color 28.6560, -5.4472, 10.0840.

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

28.6560, -5.4472, 10.0840

Protanopia

28.6808, -2.6876, 10.4112

Deuteranopia

28.4255, 1.6950, 9.7415



Tritanopia

28.5992, 1.0188, -0.1767

Trichromacy



Original Color

28.6560, -5.4472, 10.0840

Protanomaly

28.6919, -3.9900, 10.3980

Deuteranomaly

28.4634, -0.7438, 9.7326

Tritanomaly

28.4896, -1.2315, 4.0509

Monochromacy



Original Color

28.6560, -5.4472, 10.0840

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

28.0802, -2.8476, 5.0186

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6560, -5.4472, 10.0840 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(81, 83, 55)` looks like.

```
.text, #text, p{  
    color:rgb(81, 83, 55)  
}
```

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(81, 83, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 83, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6560, -5.4472, 10.0840 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(81, 83, 55) }
```


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

```
.border{ border-color:rgb(81, 83, 55) }
```

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

Here you see how a box with a 4 pixel rgb(81, 83, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 83, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 83, 55);  
box-shadow:4px 4px 4px 4px rgb(81, 83, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.6560, -5.4472, 10.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 83, 55) }
```

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

```
.background{ background-color: rgb(81, 83,  
55) }
```

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](#).

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