

Converting Colors

HunterLab(28.8338, -8.4486,
-5.1360)

Have a look what the booklet for
HunterLab(28.8338, -8.4486,
-5.1360) contains.

HunterLab(28.8338, -8.4486, -5.1360)	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(28.8338, -8.4486,
-5.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	315760
RGB	49, 87, 96
RGB Percent	19%, 34%, 38%
CMY	0.8078, 0.6588, 0.6235
CMYK	0.49, 0.09, 0.00, 0.62
HSL	191°, 32%, 28%
HSV	191°, 49%, 38%
XYZ	6.7861, 8.3139, 12.3134
YIQ	76.6640, -25.5370, -5.2570

Conversions

Conversions Part 2

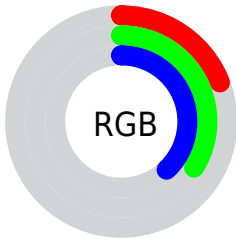
Format	Color
R_{YB}	49, 70, 96
Decimal	3233632
CIE Lab	34.63, -10.80, -9.43
CIE LCh	35, 14.334, 221.119
Yxy	8.3142, 0.2476, 0.3033
Android (android.graphics.Color)	4281423712 (0xFF315760)
YUV	76.6640, 9.5326, -24.2613
Hunter-Lab	28.8338, -8.4486, -5.1360




Details

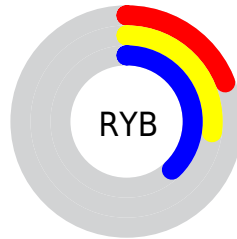
The HunterLab color **28.8338, -8.4486, -5.1360** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23.9474, 9.4597, 7.7273**, and the grayscale version is **27.0955, -1.4458, 1.4722**.




A 20% lighter version of the original color is **47.5597, -10.8700, -4.7856**, and **13.7340, -5.7907, -4.6657** is the 20% darker color. If you saturate the color by 10%, you get **27.9402, -9.1276, -6.4267**, and if you desaturate by 10%, it is **29.7999, -7.5215, -3.7870**.

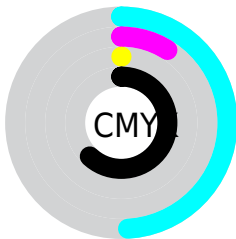
Distribution







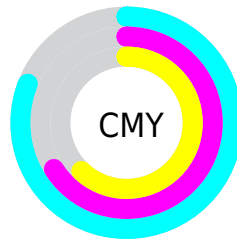
-  Red (19%)
-  Green (34%)
-  Blue (38%)






-  Red (19%)
-  Yellow (27%)
-  Blue (38%)



-  Cyan (49%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (66%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8338, -8.4486, -5.1360 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 28.8338, -8.4486, -5.1360 by changing the saturation by 10% instead.

■ 28.8338, -8.4486,
-5.1360

■ 28.8338, -8.4486,
-5.1360

■ 133.4826,
-19.0184, -3.1804

■ 20.7284, -7.2198,
-5.0334

■ 47.5101, -10.8143,
-5.1021

■ 13.5678, -5.9237,
-4.8390

■ 57.9494, -11.9779,
-4.9835

■ 7.1585, -6.9556,
-5.2568

■ 69.0578, -13.1386,
-4.8058

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 80.7973, -14.3010,
-4.5740

0.0000, NaN, NaN

■ 93.1356, -15.4681,
-4.2924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.0449,

-16.6424, -3.9643

0.0000, NaN, NaN

119.5010,
-17.8254, -3.5928

■ 28.8338, -8.4486,
-5.1360

■ 28.8338, -8.4486,
-5.1360

■ 27.9402, -9.1276,
-6.4267

■ 29.7999, -7.5215,
-3.7870

■ 27.1182, -9.5482,
-7.6523

■ 30.8350, -6.3595,
-2.3897

■ 26.3684, -9.7064,
-8.8052

■ 31.9373, -4.9791,
-0.9519

■ 25.6886, -9.6063,
-9.8807

■ 33.1040, -3.3976,
0.5187

■ 25.0458, -9.3725,
-10.9282

■ 34.3321, -1.6327,
2.0154

■ 24.9787, -9.3489,
-11.0396

■ 35.6186, 0.2983,
3.5322

■ 36.9603, 2.3789,
5.0640

■ 38.3541, 4.5939,
6.6068

■ 39.7972, 6.9294,
8.1573

Harmonies

Analogous

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



28.8344, -10.4024, -0.2554



28.8338, -8.4486, -5.1360



28.8344, -4.5938, -8.5250

Triad

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



28.8344, -8.4488, -5.1355



28.8344, 8.1596, -1.5585



28.8344, -3.3756, 9.1955

Complementary

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



28.8338, -8.4486, -5.1360



23.9474, 9.4597, 7.7273

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.



28.8344, 1.6462, 8.9679



28.8338, -8.4486, -5.1360



28.8344, 8.5415, 3.2825

Square

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



28.8344, -8.4488, -5.1355



28.8344, 5.0770, -6.2286



28.8344, 6.0873, 6.9722



28.8344, -7.6095, 7.6584

Rectangle

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



28.8338, -8.4486, -5.1360



28.8344, -1.3516, -9.1864



28.8344, 6.0873, 6.9722



28.8344, -1.7280, 9.3150

Sweetspot

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



28.8344, -8.4488, -5.1355



42.8007, -5.8864, -0.5831



30.5295, -17.1548, 10.8363



21.2168, -3.0806, -0.4309



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



28.8344, -8.4488, -5.1355



36.7722, -12.2089, -8.8109



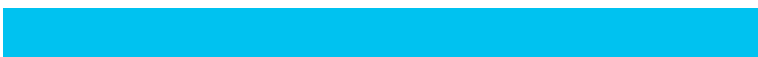
22.6966, 1.2159, -14.9019



16.7897, -1.7169, 0.2682



29.3396, -10.8698, -13.2071



66.9101, -23.9033, -32.0314

Inverse Universe

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



23.1771, 18.3010, -8.4651



28.0856, 30.3212, -13.8100



29.3444, -0.6848, 12.1985



16.1893, 0.8870, -0.0614



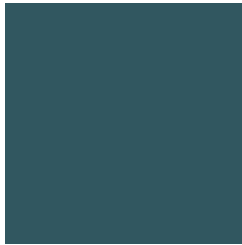
20.5142, 38.7893, -15.1010



47.2853, 89.1960, -33.1531

Previews

White Background



This preview shows how the HunterLab color 28.8338, -8.4486, -5.1360 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 28.8338, -8.4486, -5.1360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

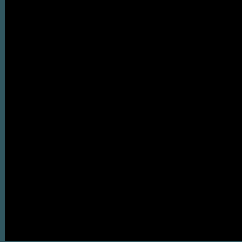
Any Text WCAG AA × Fail

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 28.8338, -8.4486, -5.1360 Background



This preview shows how black text looks on a background with the HunterLab color 28.8338, -8.4486, -5.1360.



This preview shows how white text looks on a background with the HunterLab color 28.8338, -8.4486, -5.1360.

-5.1360.

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

28.8338, -8.4486, -5.1360

Protanopia

28.8441, -0.3592, -3.0454

Deuteranopia

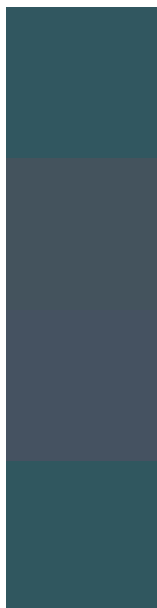
28.6760, 2.0668, -6.1853



Tritanopia

28.7279, -8.9698, -4.3105

Trichromacy



Original Color

28.8338, -8.4486, -5.1360

Protanomaly

28.6457, -3.6885, -3.8476

Deuteranomaly

28.5707, -2.3341, -5.9047

Tritanomaly

28.7593, -8.7895, -4.7523

Monochromacy



Original Color

28.8338, -8.4486, -5.1360

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.7817, -4.5586, -0.8609

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8338, -8.4486, -5.1360 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(49, 87, 96)` looks like.

```
.text, #text, p{  
    color:rgb(49, 87, 96)  
}
```

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(49, 87, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 87, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8338, -8.4486, -5.1360 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(49, 87, 96) }
```


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

```
.border{ border-color:rgb(49, 87, 96) }
```

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

Here you see how a box with a 4 pixel rgb(49, 87, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 87, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 87, 96);  
box-shadow:4px 4px 4px 4px rgb(49, 87, 96)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8338, -8.4486, -5.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 87, 96) }
```

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

```
.background{ background-color: rgb(49, 87,  
96) }
```

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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