

Converting Colors

HunterLab(28.0824, -8.0016,
0.4786)

Have a look what the booklet for
HunterLab(28.0824, -8.0016, 0.4786)
contains.

HunterLab(28.0707, -7.8101, 0.2997)	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(28.0707, -7.8101,
0.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	3B5452
RGB	59, 84, 82
RGB Percent	23%, 33%, 32%
CMY	0.7686, 0.6706, 0.6784
CMYK	0.30, 0.00, 0.02, 0.67
HSL	175°, 17%, 28%
HSV	175°, 30%, 33%
XYZ	6.4969, 7.8796, 9.1611
YIQ	76.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

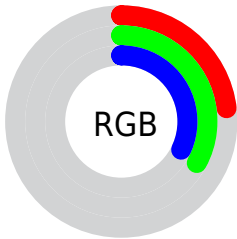
Format	Color
RYB	59, 72, 84
Decimal	3888210
CIELab	33.73, -9.92, -1.89
CIELCh	34, 10.100, 190.811
Yxy	7.8800, 0.2760, 0.3348
Android (android.graphics.Color)	4282078290 (0xFF3B5452)
YUV	76.2970, 2.8116, -15.1695
Hunter-Lab	28.0707, -7.8101, 0.2997

Details

The HunterLab color $28.0707, -7.8101, 0.2997$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $23.1298, 6.3106, 3.0452$, and the grayscale version is $26.9843, -1.4398, 1.4661$.

A 20% lighter version of the original color is $46.7062, -10.3253, 1.3414$, and $12.9853, -5.4526, -0.0856$ is the 20% darker color. If you saturate the color by 10%, you get $27.6286, -9.5007, 0.0142$, and if you desaturate by 10%, it is $28.5796, -5.9100, 0.6668$.

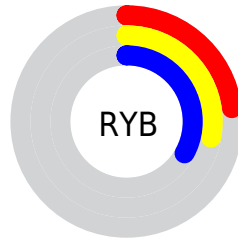
Distribution



 Red (23%)

 Green (33%)

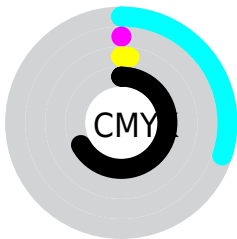
 Blue (32%)



 Red (23%)

 Yellow (28%)

 Blue (33%)

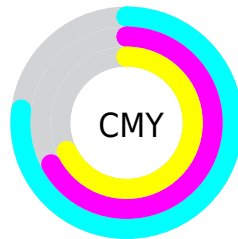


 Cyan (30%)

 Magenta (0%)

 Yellow (2%)

 Black (67%)



 Cyan (77%)

 Magenta (67%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0707, -7.8101, 0.2997 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 28.0707, -7.8101, 0.2997 by changing the saturation by 10% instead.

■ 28.0707, -7.8101,
0.2997

■ 28.0707, -7.8101,
0.2997

■ 132.2072,
-17.9637, 5.1671

■ 20.0455, -6.6453,
-0.0124

■ 46.6077, -10.0638,
1.0921

■ 12.9760, -5.4203,
-0.2572

■ 56.9848, -11.1769,
1.5599

■ 6.4274, -7.0692,
-0.8719

■ 68.0348, -12.2901,
2.0700

0.0000, NaN, NaN

■ 79.7191, -13.4075,
2.6195

0.0000, NaN, NaN

■ 92.0049, -14.5318,
3.2059

0.0000, NaN, NaN

■ 104.8640,

0.0000, NaN, NaN

-15.6650, 3.8271

0.0000, NaN, NaN

118.2720,
-16.8087, 4.4814

■ 28.0707, -7.8101,
0.2997

■ 28.0707, -7.8101,
0.2997

■ 27.6286, -9.5007,
0.0142

■ 28.5796, -5.9100,
0.6668

■ 27.2513, -10.9706,
-0.1897

■ 29.1533, -3.8123,
1.1116

■ 26.9380, -12.2146,
-0.3118

■ 29.7916, -1.5326,
1.6310

■ 26.6866, -13.2316,
-0.3538

■ 30.4931, 0.9124,
2.2203

■ 26.4941, -14.0268,
-0.3198

■ 31.2560, 3.5054,
2.8748

■ 26.3552, -14.6141,
-0.2163

■ 32.0782, 6.2293,
3.5893

■ 26.2339, -15.1348,
-0.0910

■ 32.9575, 9.0676,
4.3584

■ 26.2310, -15.1472,
-0.0881

■ 33.8914, 12.0048,
5.1771

■ 34.8774, 15.0266,
6.0402

Harmonies

Analogous

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



28.0713, -7.5785, 3.5525



28.0707, -7.8101, 0.2997



28.0713, -6.4150, -2.9878

Triad

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



28.0713, -7.8105, 0.3001



28.0713, 3.0373, -3.7639



28.0713, 0.7479, 6.9282

Complementary

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



28.0707, -7.8101, 0.2997



23.1298, 6.3106, 3.0452

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.



28.0713, 3.7798, 5.3994



28.0707, -7.8101, 0.2997



28.0713, 5.1457, -0.6595

Square

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



28.0713, -7.8105, 0.3001



28.0713, -0.2254, -5.5181



28.0713, 5.4239, 2.7028



28.0713, -2.7509, 7.1185

Rectangle

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



28.0707, -7.8101, 0.2997



28.0713, -4.7076, -4.6573



28.0713, 5.4239, 2.7028



28.0713, 1.8599, 6.5635

Sweetspot

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



28.0713, -7.8105, 0.3001



38.5674, -4.9078, 1.4981



27.6613, -10.4015, 7.9936



19.4834, -2.6246, 0.7274



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.



28.0713, -7.8105, 0.3001



36.6551, -12.0218, 0.1036



25.3224, -3.2523, -4.0928



14.5488, -1.7801, 0.5796



32.9539, -19.0728, -0.0169



79.1010, -46.0382, 0.5138

Inverse Universe

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



23.1298, 6.3106, 3.0452



28.6015, 11.1203, 4.6309



25.5118, 1.5307, 6.1307



13.8093, 0.3164, 0.9835



17.3044, 29.7403, 10.3601



41.4846, 71.1536, 25.9547

Previews

White Background



This preview shows how the HunterLab color 28.0707, -7.8101, 0.2997 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 28.0707, -7.8101, 0.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

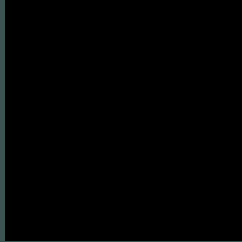
Any Text WCAG AA × Fail

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 28.0707, -7.8101, 0.2997 Background



This preview shows how black text looks on a background with the HunterLab color 28.0707, -7.8101, 0.2997.



This preview shows how white text looks on a background with the HunterLab color 28.0707, -7.8101,

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

28.0707, -7.8101, 0.2997

Protanopia

28.0392, -1.2240, 1.6146

Deuteranopia

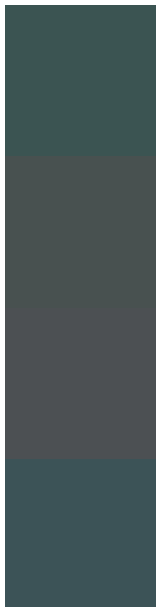
28.0698, 1.7537, -0.3892



Tritanopia

28.1368, -5.6993, -3.1447

Trichromacy



Original Color

28.0707, -7.8101, 0.2997

Protanomaly

28.0031, -3.9847, 1.1169

Deuteranomaly

28.1040, -2.1150, 0.0159

Tritanomaly

27.9916, -6.4064, -1.9627

Monochromacy



Original Color

28.0707, -7.8101, 0.2997

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.2839, -3.9335, 1.0804

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0707, -7.8101, 0.2997 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(59, 84, 82)` looks like.

```
.text, #text, p{  
    color:rgb(59, 84, 82)  
}
```

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(59, 84, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 84, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0707, -7.8101, 0.2997 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(59, 84, 82) }
```


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

```
.border{ border-color:rgb(59, 84, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 84, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 84, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 84, 82);  
box-shadow:4px 4px 4px 4px rgb(59, 84, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.0707, -7.8101, 0.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 84, 82) }
```

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

```
.background{ background-color: rgb(59, 84,  
82) }
```

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