

Converting Colors

HunterLab(27.9628, 50.7340,
-3.9991)

Have a look what the booklet for
HunterLab(27.9628, 50.7340,
-3.9991) contains.

HunterLab(28.0325, 50.8258, -3.7399)	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(28.0325, 50.8258,
-3.7399)**

Conversions

Conversions Part 1

Format	Color
Hex	9C005D
RGB	156, 0, 93
RGB Percent	61%, 0%, 36%
CMY	0.3882, 0.9999, 0.6353
CMYK	0.00, 1.00, 0.40, 0.39
HSL	324°, 100%, 31%
HSV	324°, 100%, 61%
XYZ	15.6861, 7.8582, 11.0459
YIQ	57.2460, 63.1230, 61.9950

Conversions

Conversions Part 2

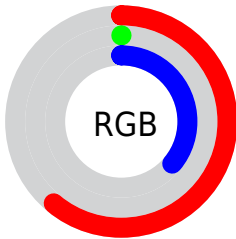
Format	Color
R_{YB}	156, 0, 93
Decimal	10223709
CIE _{Lab}	33.69, 60.09, -7.61
CIE _{LCh}	34, 60.574, 352.782
Yxy	7.8587, 0.4535, 0.2272
Android (android.graphics.Color)	4288413789 (0xFF9C005D)
YUV	57.2460, 17.6267, 86.6073
Hunter-Lab	28.0325, 50.8258, -3.7399

Details

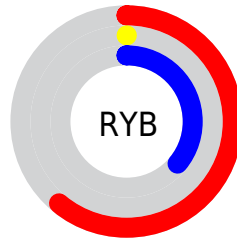
The HunterLab color **28.0325, 50.8258, -3.7399** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **49.1285, -39.5175, 23.9021**, and the grayscale version is **20.2419, -1.0801, 1.0998**.

A 20% lighter version of the original color is **46.6240, 54.8408, -3.3566**, and **16.9053, 30.1648, 1.5131** is the 20% darker color. If you saturate the color by 10%, you get **28.0323, 50.8248, -3.7363**, and if you desaturate by 10%, it is **28.8686, 49.3789, -5.7457**.

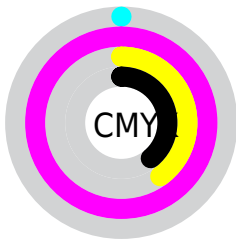
Distribution



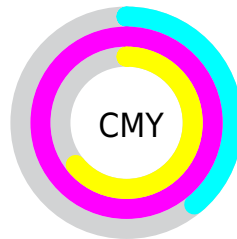
- Red (61%)
- Green (0%)
- Blue (36%)



- Red (61%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (39%)















- Cyan (39%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0325, 50.8258, -3.7399 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 28.0325, 50.8258, -3.7399 by changing the saturation by 10% instead.

 28.0325, 50.8258, -3.7399	 28.0325, 50.8258, -3.7399
 132.1436, 66.9932, -1.1531	 20.0116, 48.7535, -3.7190
 46.5628, 55.0450, -3.5475	 12.9467, 47.0632, -3.6057
 56.9367, 57.0484, -3.3541	 6.3887, 53.5217, -4.5910
 67.9838, 58.9525, -3.1043	0.0000, INF, NaN
 79.6653, 60.7540, -2.8030	0.0000, NaN, NaN
 91.9485, 62.4548, -2.4542	0.0000, NaN, NaN
 104.8051, 64.0585,	0.0000, NaN, NaN

-2.0611

0.0000, NaN, NaN

118.2106, 65.5697,
-1.6267

28.0325, 50.8258,
-3.7399

28.0325, 50.8258,
-3.7399

28.0323, 50.8248,
-3.7363

28.8686, 49.3789,
-5.7457

30.1526, 46.6096,
-7.2034

32.0223, 42.2840,
-7.8575

34.4556, 36.7762,
-7.7270

37.4000, 30.5113,
-6.9154

■ 40.7914, 23.8476,
-5.5569

■ 44.5661, 17.0361,
-3.7792

■ 48.6674, 10.2300,
-1.6880

■ 53.0469, 3.5110,
0.6366

Harmonies

Analogous

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



28.0333, 38.4210, -33.0404



28.0325, 50.8258, -3.7399



28.0333, 46.2560, 12.6925

Triad

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



28.0333, 50.8230, -3.7389



28.0333, -15.4749, 19.2932



28.0333, -21.9689, -49.4894

Complementary

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



28.0325, 50.8258, -3.7399



49.1285, -39.5175, 23.9021

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.



28.0333, -29.8455, -17.7807



28.0325, 50.8258, -3.7399



28.0333, -26.9392, 16.2308

Square

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



28.0333, 50.8230, -3.7389



28.0333, 3.7557, 19.6233



28.0333, -31.3500, 5.9337



28.0333, -6.3899, -69.5218

Rectangle

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



28.0325, 50.8258, -3.7399



28.0333, 34.6955, 17.0825



28.0333, -31.3500, 5.9337



28.0333, -25.3932, -39.0753

Sweetspot

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



28.0333, 50.8230, -3.7389



59.7397, 23.5179, -5.2520



18.5425, 44.6929, -88.3615



27.0712, 12.7148, -2.9238



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



28.0333, 50.8230, -3.7389



37.7263, 68.3060, -4.2926



26.6545, 45.7785, 16.1684



25.9021, 1.4679, 0.3949



25.4551, 46.1770, -3.5840



3.5225, 6.5998, -2.1221

Inverse Universe

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



28.0333, 50.8230, -3.7389



37.7263, 68.3060, -4.2926



50.6778, -30.0334, 1.4921



25.9021, 1.4679, 0.3949



25.4551, 46.1770, -3.5840



3.5225, 6.5998, -2.1221

Previews

White Background



This preview shows how the HunterLab color 28.0325, 50.8258, -3.7399 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 28.0325, 50.8258, -3.7399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

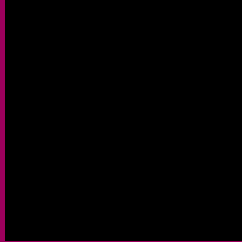
Any Text WCAG AA × Fail

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 28.0325, 50.8258, -3.7399 Background



This preview shows how black text looks on a background with the HunterLab color 28.0325, 50.8258, -3.7399.



This preview shows how white text looks on a background with the HunterLab color 28.0325, 50.8258, -3.7399.

-3.7399.

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

28.0325, 50.8258, -3.7399

Protanopia

29.3299, 4.4360, -26.7067

Deuteranopia

29.1272, 1.5646, 0.0542



Tritanopia

28.6974, 37.7832, 14.5561

Trichromacy



Original Color

28.0325, 50.8258, -3.7399

Protanomaly

25.0016, 22.8013, -24.8406

Deuteranomaly

25.6897, 23.1158, -5.5781

Tritanomaly

27.9800, 43.0079, 9.5116

Monochromacy



Original Color

28.0325, 50.8258, -3.7399

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.0776, 20.4349, -4.3815

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0325, 50.8258, -3.7399 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(156, 0, 93)` looks like.

```
.text, #text, p{  
    color:rgb(156, 0, 93)  
}
```

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(156, 0, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 0, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0325, 50.8258, -3.7399 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(156, 0, 93) }
```


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

```
.border{ border-color:rgb(156, 0, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 0, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 0, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 0, 93);  
box-shadow:4px 4px 4px 4px rgb(156, 0, 93)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.0325, 50.8258, -3.7399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 0, 93) }
```

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

```
.background{ background-color: rgb(156, 0,  
93) }
```

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