

Converting Colors

HunterLab(28.0762, 52.0362,
-12.5153)

Have a look what the booklet for
HunterLab(28.0762, 52.0362,
-12.5153) contains.

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Color

**HunterLab(28.0650, 51.9962,
-12.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	99006D
RGB	153, 0, 109
RGB Percent	60%, 0%, 43%
CMY	0.4000, 0.9999, 0.5725
CMYK	0.00, 1.00, 0.29, 0.40
HSL	317°, 100%, 30%
HSV	317°, 100%, 60%
XYZ	15.8972, 7.8764, 15.1505
YIQ	58.1730, 56.1990, 66.3350

Conversions

Conversions Part 2

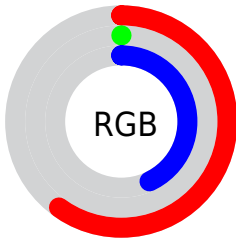
Format	Color
RYB	153, 0, 109
Decimal	10027117
CIELab	33.73, 61.15, -17.91
CIELCh	34, 63.721, 343.680
Yxy	7.8769, 0.4084, 0.2024
Android (android.graphics.Color)	4288217197 (0xFF99006D)
YUV	58.1730, 25.0577, 83.1633
Hunter-Lab	28.0650, 51.9962, -12.3613

Details

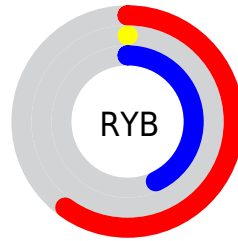
The HunterLab color **28.0650, 51.9962, -12.3613** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **47.9215, -39.7362, 25.8829**, and the grayscale version is **20.5359, -1.0957, 1.1158**.

A 20% lighter version of the original color is **46.6153, 56.0869, -13.1802**, and **16.9656, 31.0399, -4.4313** is the 20% darker color. If you saturate the color by 10%, you get **28.0648, 51.9956, -12.3585**, and if you desaturate by 10%, it is **28.8520, 50.4493, -13.6864**.

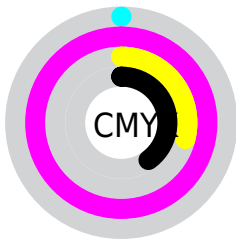
Distribution



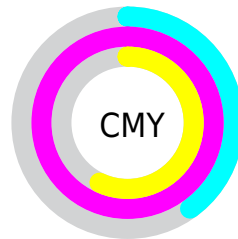
- Red (60%)
- Green (0%)
- Blue (43%)



- Red (60%)
- Yellow (0%)
- Blue (43%)



- Cyan (0%)
- Magenta (100%)
- Yellow (29%)
- Black (40%)











- Cyan (40%)
- Magenta (100%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.0650, 51.9962, -12.3613 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 28.0650, 51.9962, -12.3613 by changing the saturation by 10% instead.

 28.0650, 51.9962, -12.3613	 28.0650, 51.9962, -12.3613
 132.1980, 68.4330, -13.2827	 20.0406, 49.9187, -11.9393
 46.6012, 56.2609, -13.0074	 12.9718, 48.2534, -11.4944
 56.9778, 58.2938, -13.2263	 6.4218, 54.7759, -13.0860
 68.0274, 60.2293, -13.3791	0.0000, INF, -NF
 79.7113, 62.0632, -13.4696	0.0000, NaN, NaN
 91.9967, 63.7967, -13.5018	0.0000, NaN, NaN
 104.8554, 65.4333,	0.0000, NaN, NaN

-13.4793

0.0000, NaN, NaN

118.2631, 66.9772,
-13.4052

28.0650, 51.9962,
-12.3613

28.0650, 51.9962,
-12.3613

28.0648, 51.9956,
-12.3585

28.8520, 50.4493,
-13.6864

30.0596, 47.6042,
-14.3284

31.8279, 43.2097,
-14.0528

34.1397, 37.6223,
-12.9395

36.9483, 31.2574,
-11.1438

■ 40.1945, 24.4733,
-8.8353

■ 43.8181, 17.5267,
-6.1618

■ 47.7645, 10.5783,
-3.2368

■ 51.9867, 3.7161,
-0.1411

Harmonies

Analogous

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



28.0658, 34.2659, -46.2078



28.0650, 51.9962, -12.3613



28.0658, 52.8323, 9.5013

Triad

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



28.0658, 51.9937, -12.3602



28.0658, -10.8535, 19.6460



28.0658, -26.0822, -43.1463

Complementary

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



28.0650, 51.9962, -12.3613



47.9215, -39.7362, 25.8829

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.



28.0658, -31.9909, -9.8050



28.0650, 51.9962, -12.3613



28.0658, -25.2193, 17.8643

Square

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



28.0658, 51.9937, -12.3602



28.0658, 11.4591, 19.6460



28.0658, -31.7337, 10.6739



28.0658, -12.4633, -71.4756

Rectangle

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



28.0650, 51.9962, -12.3613



28.0658, 43.3051, 15.9660



28.0658, -31.7337, 10.6739



28.0658, -28.8171, -31.3793

Sweetspot

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



28.0658, 51.9937, -12.3602



58.3326, 24.0192, -8.4734



16.7983, 42.4522, -95.2757



26.5125, 12.9725, -4.6471



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



28.0658, 51.9937, -12.3602



37.5130, 69.4236, -15.9260



26.2364, 45.3486, 13.6816



25.0865, 1.5334, 0.0480



25.5256, 47.3113, -11.3956



3.2184, 6.1301, -2.7144

Inverse Universe

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



28.0658, 51.9937, -12.3602



37.5130, 69.4236, -15.9260



49.1276, -32.2977, 8.3177



25.0865, 1.5334, 0.0480



25.5256, 47.3113, -11.3956



3.2184, 6.1301, -2.7144

Previews

White Background



This preview shows how the HunterLab color 28.0650, 51.9962, -12.3613 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 28.0650, 51.9962, -12.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

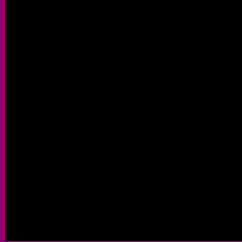
Any Text WCAG AA × Fail

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 28.0650, 51.9962, -12.3613 Background



This preview shows how black text looks on a background with the HunterLab color 28.0650, 51.9962, -12.3613.



This preview shows how white text looks on a background with the HunterLab color 28.0650, 51.9962, -12.3613.

-12.3613.

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

28.0650, 51.9962, -12.3613

Protanopia

29.3191, 7.9897, -44.5038

Deuteranopia

29.2398, 1.6297, -7.4432



Tritanopia

28.6585, 34.2456, 13.1226

Trichromacy



Original Color

28.0650, 51.9962, -12.3613

Protanomaly

24.4877, 24.5802, -42.6980

Deuteranomaly

25.6938, 23.4047, -14.5975

Tritanomaly

27.7223, 41.7138, 6.1163

Monochromacy



Original Color

28.0650, 51.9962, -12.3613

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4600, 21.0369, -7.3707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.0650, 51.9962, -12.3613 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(153, 0, 109)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 109)  
}
```

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(153, 0, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 109) }
```

Border

The CSS property to change the border of an element to HunterLab 28.0650, 51.9962, -12.3613 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(153, 0, 109) }
```


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

```
.border{ border-color:rgb(153, 0, 109) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 109);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
109) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.0650, 51.9962, -12.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 109) }
```

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

```
.background{ background-color: rgb(153, 0,  
109) }
```

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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