

Converting Colors

HunterLab(49.9226, -28.9430,
12.0784)

Have a look what the booklet for
HunterLab(49.9226, -28.9430,
12.0784) contains.

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Color

**HunterLab(50.0091,
-29.1007, 12.1318)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9970
RGB	63, 153, 112
RGB Percent	25%, 60%, 44%
CMY	0.7529, 0.4000, 0.5608
CMYK	0.59, 0.00, 0.27, 0.40
HSL	153°, 42%, 42%
HSV	153°, 59%, 60%
XYZ	16.3658, 25.0091, 19.2939
YIQ	121.4160, -40.4790, -31.8310

Conversions

Conversions Part 2

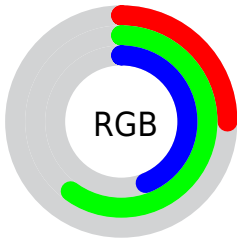
Format	Color
RYB	63, 121, 153
Decimal	4168048
CIELab	57.09, -36.85, 13.67
CIELCh	57, 39.308, 159.645
Yxy	25.0101, 0.2698, 0.4122
Android (android.graphics.Color)	4282358128 (0xFF3F9970)
YUV	121.4160, -4.6421, -51.2308
Hunter-Lab	50.0091, -29.1007, 12.1318

Details

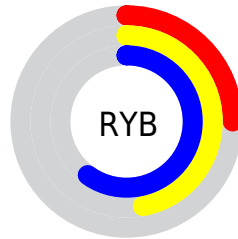
The HunterLab color $50.0091, -29.1007, 12.1318$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $33.6562, 33.4585, -1.7488$, and the grayscale version is $43.9181, -2.3434, 2.3862$.

A 20% lighter version of the original color is $71.9125, -34.3424, 14.7537$, and $31.1087, -22.4278, 9.5319$ is the 20% darker color. If you saturate the color by 10%, you get $49.4218, -31.7769, 13.8539$, and if you desaturate by 10%, it is $50.7416, -25.8763, 10.4311$.

Distribution



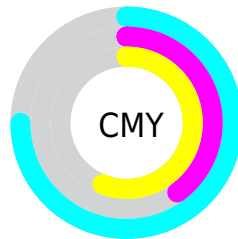
- Red (25%)
- Green (60%)
- Blue (44%)



- Red (25%)
- Yellow (47%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (27%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0091, -29.1007, 12.1318 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 50.0091, -29.1007, 12.1318 by changing the saturation by 10% instead.

■ 50.0091, -29.1007,
12.1318

■ 50.0091, -29.1007,
12.1318

166.6998,
-51.0946, 24.0215

■ 40.1056, -26.2277,
10.7709

■ 71.8844, -34.4534,
14.7914

■ 30.9581, -23.1640,
9.3703

■ 83.7737, -36.9877,
16.1056

■ 22.6363, -19.8356,
7.9071

■ 96.2547, -39.4521,
17.4165

■ 15.2323, -16.1173,
6.3406

■ 109.3005,
-41.8597, 18.7279

■ 8.8565, -15.4989,
6.1996

■ 122.8876,
-44.2205, 20.0422

0.0000, NaN, NaN

0.0000, NaN, NaN

136.9952,

-46.5425, 21.3616

0.0000, NaN, NaN

151.6049,
-48.8321, 22.6876

0.0000, NaN, NaN

■ 50.0091, -29.1007,
12.1318

■ 50.0091, -29.1007,
12.1318

■ 49.4218, -31.7769,
13.8539

■ 50.7416, -25.8763,
10.4311

■ 48.9693, -33.9083,
15.5721

■ 51.6207, -22.1140,
8.7726

■ 48.6419, -35.5208,
17.2619

■ 52.6493, -17.8398,
7.1765

■ 48.4118, -36.7173,
18.8858

■ 53.8272, -13.0897,
5.6598

■ 48.3865, -36.8494,
19.0682

■ 55.1523, -7.9066,
4.2365

■ 56.6214, -2.3374,
2.9168

■ 58.2297, 3.5697,
1.7082

■ 59.9720, 9.7677,
0.6148

■ 61.8423, 16.2121,
-0.3618

Harmonies

Analogous

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



50.0101, -21.3653, 20.8461



50.0091, -29.1007, 12.1318



50.0101, -30.2894, -2.6093

Triad

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



50.0101, -29.1012, 12.1323



50.0101, 2.7625, -37.1637



50.0101, 24.2103, 18.4172

Complementary

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



50.0091, -29.1007, 12.1318



33.6562, 33.4585, -1.7488

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.



50.0101, 32.6509, 7.5245



50.0091, -29.1007, 12.1318



50.0101, 19.2498, -26.5781

Square

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



50.0101, -29.1012, 12.1323



50.0101, -13.2460, -34.6972



50.0101, 30.7264, -8.9685



50.0101, 8.8628, 23.5721

Rectangle

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



50.0091, -29.1007, 12.1318



50.0101, -27.3895, -14.6469



50.0101, 30.7264, -8.9685



50.0101, 28.0344, 15.4794

Sweetspot

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



50.0101, -29.1012, 12.1323



72.1107, -17.2053, 7.4822



51.1329, -26.2449, 25.5951



33.6753, -8.9205, 3.7665



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.



50.0101, -29.1012, 12.1323



65.8998, -43.6281, 19.3649



50.1701, -21.2408, -5.0739



26.4178, -3.8949, 2.0579



43.9956, -33.4517, 17.2220



5.4471, -3.6739, 1.1225

Inverse Universe

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



33.6562, 33.4585, -1.7488



40.6547, 54.1523, -0.8605



33.2087, 27.7950, 12.5531



25.0343, 1.2527, 0.7917



24.4257, 43.3402, 4.0744



3.1050, 5.7273, -1.1715

Previews

White Background



This preview shows how the HunterLab color 50.0091, -29.1007, 12.1318 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 50.0091, -29.1007, 12.1318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

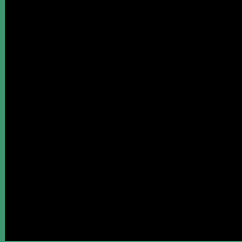
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.0091, -29.1007, 12.1318 Background



This preview shows how black text looks on a background with the HunterLab color 50.0091, -29.1007, 12.1318.



This preview shows how white text looks on a background with the HunterLab color 50.0091,

-29.1007, 12.1318.

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

50.0091, -29.1007, 12.1318

Protanopia

49.6261, -4.1894, 14.8590

Deuteranopia

49.5831, 3.3648, 10.4875



Tritanopia

49.9903, -16.6634, -8.3907

Trichromacy



Original Color

50.0091, -29.1007, 12.1318

Protanomaly

49.0432, -15.2271, 13.1375

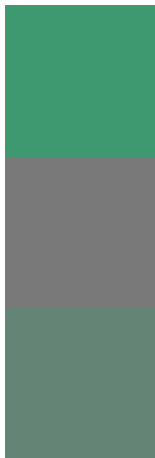
Deuteranomaly

48.8269, -11.0404, 10.1982

Tritanomaly

49.8642, -21.4756, -0.0786

Monochromacy



Original Color

50.0091, -29.1007, 12.1318

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.5987, -13.5900, 5.5740

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0091, -29.1007, 12.1318 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(63, 153, 112)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 112)  
}
```

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(63, 153, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0091, -29.1007, 12.1318 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(63, 153, 112) }
```


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

```
.border{ border-color:rgb(63, 153, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 153, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 112);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0091, -29.1007, 12.1318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 153, 112) }
```

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

```
.background{ background-color: rgb(63, 153,  
112) }
```

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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