

Converting Colors

HunterLab(50.0766, -28.6936,
11.1537)

Have a look what the booklet for
HunterLab(50.0766, -28.6936,
11.1537) contains.

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Color

**HunterLab(50.0770,
-28.6932, 11.1512)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9973
RGB	63, 153, 115
RGB Percent	25%, 60%, 45%
CMY	0.7529, 0.4000, 0.5490
CMYK	0.59, 0.00, 0.25, 0.40
HSL	155°, 42%, 42%
HSV	155°, 59%, 60%
XYZ	16.5357, 25.0771, 20.1885
YIQ	121.7580, -41.4420, -30.8980

Conversions

Conversions Part 2

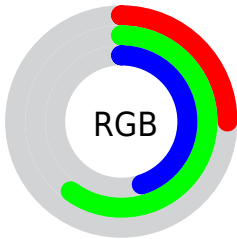
Format	Color
RYB	63, 120, 153
Decimal	4168051
CIELab	57.15, -36.18, 12.08
CIElCh	57, 38.142, 161.541
Yxy	25.0781, 0.2676, 0.4058
Android (android.graphics.Color)	4282358131 (0xFF3F9973)
YUV	121.7580, -3.3317, -51.5308
Hunter-Lab	50.0770, -28.6932, 11.1512

Details

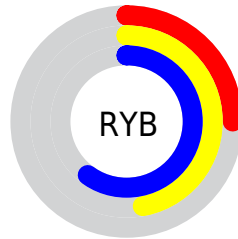
The HunterLab color $50.0770, -28.6932, 11.1512$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $33.5671, 33.0634, -0.4857$, and the grayscale version is $44.0465, -2.3502, 2.3931$.

A 20% lighter version of the original color is $71.9887, -33.8928, 13.6555$, and $31.1651, -22.0819, 8.7148$ is the 20% darker color. If you saturate the color by 10%, you get $49.4963, -31.3252, 12.7750$, and if you desaturate by 10%, it is $50.8013, -25.5223, 9.5713$.

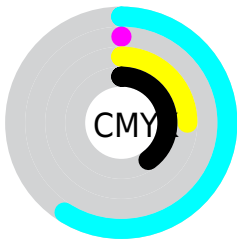
Distribution



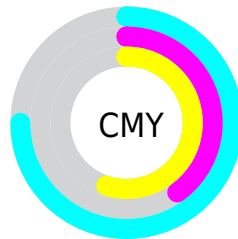
- Red (25%)
- Green (60%)
- Blue (45%)



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



- Cyan (59%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0770, -28.6932, 11.1512 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 50.0770, -28.6932, 11.1512 by changing the saturation by 10% instead.

■ 50.0770, -28.6932,
11.1512

■ 50.0770, -28.6932,
11.1512

166.8012,
-50.3780, 22.3615

■ 40.1687, -25.8677,
9.8934

■ 71.9610, -33.9623,
13.6283

■ 31.0160, -22.8568,
8.6069

■ 83.8544, -36.4590,
14.8603

■ 22.6885, -19.5884,
7.2724

■ 96.3392, -38.8882,
16.0937

■ 15.2780, -15.9403,
5.8555

■ 109.3886,
-41.2624, 17.3314

■ 8.8978, -15.5711,
6.1104

■ 122.9792,
-43.5914, 18.5757

0.0000, NaN, NaN

0.0000, NaN, NaN

137.0902,

-45.8830, 19.8280

0.0000, NaN, NaN

151.7031,
-48.1435, 21.0896

0.0000, NaN, NaN

■ 50.0770, -28.6932,
11.1512

■ 50.0770, -28.6932,
11.1512

■ 49.4963, -31.3252,
12.7750

■ 50.8013, -25.5223,
9.5713

■ 49.0488, -33.4225,
14.4181

■ 51.6707, -21.8217,
8.0546

■ 48.7248, -35.0113,
16.0564

■ 52.6881, -17.6161,
6.6198

■ 48.4964, -36.1947,
17.6518

■ 53.8536, -12.9401,
5.2821

■ 48.4712, -36.3258,
17.8322

■ 55.1652, -7.8352,
4.0534

■ 56.6196, -2.3470,
2.9420

■ 58.2125, 3.4775,
1.9533

■ 59.9387, 9.5921,
1.0896

■ 61.7922, 15.9531,
0.3508

Harmonies

Analogous

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



50.0780, -21.5254, 20.0848



50.0770, -28.6932, 11.1512



50.0780, -29.4451, -3.5046

Triad

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



50.0780, -28.6937, 11.1517



50.0780, 3.6446, -35.3675



50.0780, 22.5555, 18.5365

Complementary

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



50.0770, -28.6932, 11.1512



33.5671, 33.0634, -0.4857

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.



50.0780, 31.2566, 8.2462



50.0770, -28.6932, 11.1512



50.0780, 19.4565, -24.5714

Square

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



50.0780, -28.6937, 11.1517



50.0780, -12.0679, -33.8395



50.0780, 30.0560, -7.4784



50.0780, 7.4663, 23.3296

Rectangle

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



50.0770, -28.6932, 11.1512



50.0780, -26.3364, -15.1725



50.0780, 30.0560, -7.4784



50.0780, 26.4052, 15.7697

Sweetspot

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



50.0780, -28.6937, 11.1517



72.1452, -17.0099, 6.9885



50.9580, -26.9348, 25.4566



33.6937, -8.8159, 3.5031



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.



50.0780, -28.6937, 11.1517



66.0022, -43.0056, 17.8815



49.2190, -20.0043, -6.3266



26.4242, -3.8591, 1.9662



44.0725, -32.9761, 16.0992



5.4557, -3.6219, 0.9994

Inverse Universe

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



33.5671, 33.0634, -0.4857



40.5143, 53.5773, 1.1341



33.7462, 26.4380, 12.9942



25.0276, 1.2169, 0.8867



24.3213, 42.9585, 5.5793



3.0899, 5.6734, -0.9631

Previews

White Background



This preview shows how the HunterLab color 50.0770, -28.6932, 11.1512 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 50.0770, -28.6932, 11.1512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

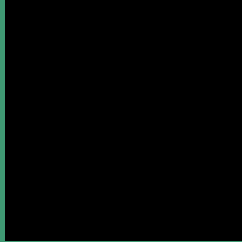
Any Text WCAG AA ✓ Pass

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 50.0770, -28.6932, 11.1512 Background



This preview shows how black text looks on a background with the HunterLab color 50.0770, -28.6932, 11.1512.



This preview shows how white text looks on a background with the HunterLab color 50.0770,

-28.6932, 11.1512.

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

50.0770, -28.6932, 11.1512

Protanopia

49.6886, -3.8454, 13.9528

Deuteranopia

49.5552, 3.4159, 9.3356



Tritanopia

49.9484, -16.8211, -8.4520

Trichromacy



Original Color

50.0770, -28.6932, 11.1512

Protanomaly

49.1087, -14.8520, 12.1903

Deuteranomaly

48.8987, -10.6347, 9.1632

Tritanomaly

49.8556, -21.4482, -0.5589

Monochromacy



Original Color

50.0770, -28.6932, 11.1512

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.6877, -13.2065, 5.2725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0770, -28.6932, 11.1512 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0770, -28.6932, 11.1512 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, 115) }
```


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

```
.border{ border-color:rgb(63, 153, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 115);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0770, -28.6932, 11.1512 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, 115) }
```

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

```
.background{ background-color: rgb(63, 153,  
115) }
```

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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