

Converting Colors

HunterLab(51.0275, -28.1074,
12.7316)

Have a look what the booklet for
HunterLab(51.0275, -28.1074,
12.7316) contains.

HunterLab(51.0791, -28.1425, 12.8479)	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(51.0791,
-28.1425, 12.8479)**

Conversions

Conversions Part 1

Format	Color
Hex	4A9B71
RGB	74, 155, 113
RGB Percent	29%, 61%, 44%
CMY	0.7098, 0.3921, 0.5569
CMYK	0.52, 0.00, 0.27, 0.39
HSL	149°, 35%, 45%
HSV	149°, 52%, 61%
XYZ	17.5260, 26.0907, 19.7351
YIQ	125.9930, -34.7940, -30.2340

Conversions

Conversions Part 2

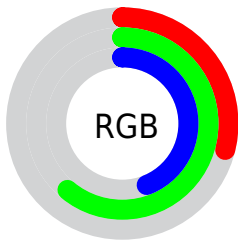
Format	Color
RYB	74, 129, 155
Decimal	4889457
CIELab	58.12, -34.91, 14.61
CIELCh	58, 37.843, 157.284
Yxy	26.0918, 0.2766, 0.4118
Android (android.graphics.Color)	4283079537 (0xFF4A9B71)
YUV	125.9930, -6.4055, -45.5979
Hunter-Lab	51.0791, -28.1425, 12.8479

Details

The HunterLab color $51.0791, -28.1425, 12.8479$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $36.2320, 30.7878, -4.1746$, and the grayscale version is $45.7090, -2.4389, 2.4835$.

A 20% lighter version of the original color is $73.0746, -33.2495, 15.5638$, and $31.8539, -22.5167, 9.9255$ is the 20% darker color. If you saturate the color by 10%, you get $50.3760, -31.3086, 14.7753$, and if you desaturate by 10%, it is $51.9363, -24.4068, 10.9110$.

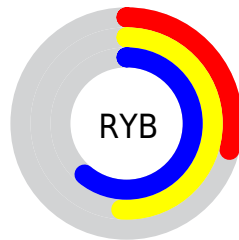
Distribution



Red (29%)

Green (61%)

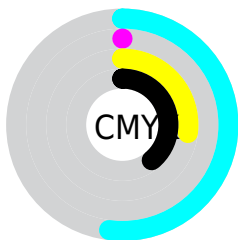
Blue (44%)



Red (29%)

Yellow (51%)

Blue (61%)

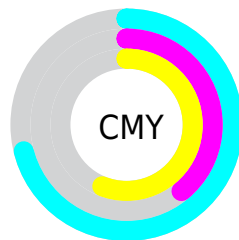


Cyan (52%)

Magenta (0%)

Yellow (27%)

Black (39%)



Cyan (71%)

Magenta (39%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0791, -28.1425, 12.8479 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 51.0791, -28.1425, 12.8479 by changing the saturation by 10% instead.

■ 51.0791, -28.1425,
12.8479

■ 51.0791, -28.1425,
12.8479

168.2951,
-49.2050, 25.1391

■ 41.1003, -25.4189,
11.4292

■ 73.0910, -33.2377,
15.6124

■ 31.8712, -22.5241,
9.9664

■ 85.0432, -35.6580,
16.9747

■ 23.4599, -19.3925,
8.4356

■ 97.5841, -38.0160,
18.3315

■ 15.9553, -15.9131,
6.7952

■ 110.6871,
-40.3235, 19.6866

■ 9.4840, -16.5464,
6.6388

■ 124.3292,
-42.5896, 21.0429

0.0000, NaN, NaN

0.0000, NaN, NaN

138.4898,

-44.8214, 22.4027

0.0000, NaN, NaN

153.1506,
-47.0250, 23.7676

0.0000, NaN, NaN

■ 51.0791, -28.1425,
12.8479

■ 51.0791, -28.1425,
12.8479

■ 50.3760, -31.3086,
14.7753

■ 51.9363, -24.4068,
10.9110

■ 49.8186, -33.8949,
16.6665

■ 52.9471, -20.1234,
8.9869

■ 49.3993, -35.9128,
18.4966

■ 54.1129, -15.3291,
7.0979

■ 49.1056, -37.3961,
20.2400

■ 55.4320, -10.0680,
5.2630

■ 48.9352, -38.2928,
21.4984

■ 56.9010, -4.3896,
3.4981

■ 58.5155, 1.6549,
1.8158

■ 60.2698, 8.0147,
0.2252

■ 62.1580, 14.6417,
-1.2676

■ 64.1734, 21.4918,
-2.6592

Harmonies

Analogous

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



51.0801, -20.0758, 21.0277



51.0791, -28.1425, 12.8479



51.0801, -29.8256, -1.0747

Triad

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



51.0801, -28.1431, 12.8484



51.0801, 1.2349, -35.6471



51.0801, 24.1544, 17.5327

Complementary

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



51.0791, -28.1425, 12.8479



36.2320, 30.7878, -4.1746

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.



51.0801, 31.5467, 6.3567



51.0791, -28.1425, 12.8479



51.0801, 17.2961, -26.4493

Square

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



51.0801, -28.1431, 12.8484



51.0801, -14.0843, -32.2935



51.0801, 28.8936, -9.8746



51.0801, 9.7156, 23.0930

Rectangle

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



51.0791, -28.1425, 12.8479



51.0801, -27.3165, -12.5529



51.0801, 28.8936, -9.8746



51.0801, 27.6220, 14.4683

Sweetspot

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



51.0801, -28.1431, 12.8484



73.4399, -16.3985, 8.0283



52.6631, -23.2822, 24.7491



34.7798, -8.4392, 4.0419



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.



51.0801, -28.1431, 12.8484



67.2518, -42.6410, 20.2762



52.1310, -21.9321, -2.1942



26.4058, -3.9621, 2.2301



43.8645, -34.2639, 19.1392



5.4309, -3.7727, 1.3560

Inverse Universe

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



36.2320, 30.7878, -4.1746



43.9922, 50.6330, -5.6243



35.2111, 26.0615, 10.4234



25.0469, 1.3208, 0.6113



24.6466, 44.1450, 0.9121



3.1332, 5.8280, -1.5599

Previews

White Background



This preview shows how the HunterLab color 51.0791, -28.1425, 12.8479 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 51.0791, -28.1425, 12.8479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

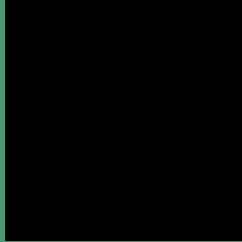
Any Text WCAG AA ✓ Pass

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 51.0791, -28.1425, 12.8479 Background



This preview shows how black text looks on a background with the HunterLab color 51.0791, -28.1425, 12.8479.



This preview shows how white text looks on a background with the HunterLab color 51.0791,

-28.1425, 12.8479.

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

51.0791, -28.1425, 12.8479

Protanopia

50.8672, -4.1777, 15.6934

Deuteranopia

50.8250, 3.3963, 11.3834



Tritanopia

51.0826, -15.6258, -7.9324

Trichromacy



Original Color

51.0791, -28.1425, 12.8479

Protanomaly

50.4689, -14.5485, 14.1769

Deuteranomaly

50.2733, -10.2962, 11.3115

Tritanomaly

50.9320, -20.5083, 0.3096

Monochromacy



Original Color

51.0791, -28.1425, 12.8479

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

47.3261, -13.1941, 6.2691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0791, -28.1425, 12.8479 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(74, 155, 113)` looks like.

```
.text, #text, p{  
    color:rgb(74, 155, 113)  
}
```

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(74, 155, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 155, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0791, -28.1425, 12.8479 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(74, 155, 113) }
```


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

```
.border{ border-color:rgb(74, 155, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 155, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 155, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 155, 113);  
box-shadow:4px 4px 4px 4px rgb(74, 155,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0791, -28.1425, 12.8479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 155, 113) }
```

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

```
.background{ background-color: rgb(74, 155,  
113) }
```

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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