

Converting Colors

HunterLab(29.5837, 11.3294,
-29.5353)

Have a look what the booklet for
HunterLab(29.5837, 11.3294,
-29.5353) contains.

HunterLab(29.7459, 11.2508, -29.4001)	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(29.7459, 11.2508,
-29.4001)**

Conversions

Conversions Part 1

Format	Color
Hex	504D8A
RGB	80, 77, 138
RGB Percent	31%, 30%, 54%
CMY	0.6863, 0.6980, 0.4588
CMYK	0.42, 0.44, 0.00, 0.46
HSL	243°, 28%, 42%
HSV	243°, 44%, 54%
XYZ	10.5496, 8.8482, 25.1966
YIQ	84.8510, -17.7930, 19.6070

Conversions

Conversions Part 2

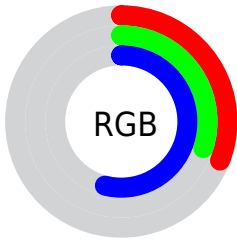
Format	Color
R_{YB}	80, 77, 138
Decimal	5262730
CIE Lab	35.69, 17.49, -33.67
CIE LCh	36, 37.937, 297.448
Yxy	8.8485, 0.2366, 0.1984
Android (android.graphics.Color)	4283452810 (0xFF504D8A)
YUV	84.8510, 26.2025, -4.2543
Hunter-Lab	29.7459, 11.2508, -29.4001

Details

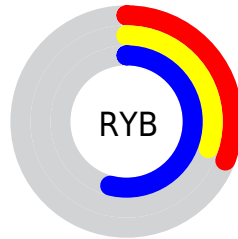
The HunterLab color $[29.7459, 11.2508, -29.4001]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[48.8505, -10.8748, 21.3892]$, and the grayscale version is $[29.9981, -1.6006, 1.6299]$.

A 20% lighter version of the original color is $[48.6138, 12.1954, -30.6520]$, and $[14.3301, 9.9497, -29.1949]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.6933, 15.3589, -39.3853]$, and if you desaturate by 10%, it is $[34.0835, 7.5899, -20.6924]$.

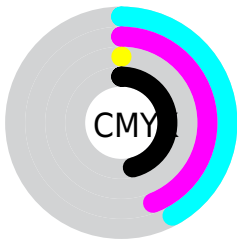
Distribution



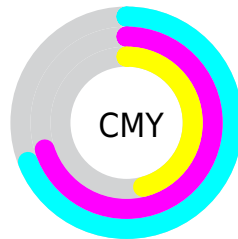
- Red (31%)
- Green (30%)
- Blue (54%)



- Red (31%)
- Yellow (30%)
- Blue (54%)



- Cyan (42%)
- Magenta (44%)
- Yellow (0%)
- Black (46%)



- Cyan (69%)
- Magenta (70%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7459, 11.2508, -29.4001 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 29.7459, 11.2508, -29.4001 by changing the saturation by 10% instead.

■ 29.7459, 11.2508,
-29.4001

■ 29.7459, 11.2508,
-29.4001

■ 134.9977, 13.0315,
-33.8758

■ 21.5465, 10.5928,
-28.9544

■ 48.5858, 12.2056,
-30.5987

■ 14.2796, 9.7832,
-28.9182

■ 59.0982, 12.5356,
-31.2017

■ 7.9374, 9.4843,
-30.9303

■ 70.2753, 12.7829,
-31.7697

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 82.0798, 12.9563,
-32.2925

0.0000, NaN, NaN

■ 94.4800, 13.0626,
-32.7653

0.0000, NaN, NaN

107.4485, 13.1076,

0.0000, NaN, NaN

-33.1867

0.0000, NaN, NaN

120.9614, 13.0959,
-33.5566

■ 29.7459, 11.2508,
-29.4001

■ 29.7459, 11.2508,
-29.4001

■ 25.6933, 15.3589,
-39.3853

■ 34.0835, 7.5899,
-20.6924

■ 22.0068, 19.9786,
-50.8709

■ 38.6475, 4.2865,
-12.9984

■ 18.8063, 25.0486,
-63.7788

■ 43.3987, 1.2592,
-6.0853

■ 16.2523, 30.1686,
-77.1755

■ 48.3085, -1.5570,
0.2294

■ 14.5095, 34.4178,
-88.7114

■ 53.3557, -4.2122,
6.0846

■ 13.7069, 36.8604,
-94.9159

■ 58.5244, -6.7442,
11.5850

■ 63.8021, -9.1817,
16.8094

■ 69.1787, -11.5464,
21.8177

■ 74.6463, -13.8549,
26.6558

Harmonies

Analogous

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



29.7464, -2.7281, -34.7742



29.7459, 11.2508, -29.4001



29.7464, 23.4082, -14.8288

Triad

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



29.7464, 11.2508, -29.3993



29.7464, 13.5917, 15.7601



29.7464, -23.2100, 2.6906

Complementary

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



29.7459, 11.2508, -29.4001



48.8505, -10.8748, 21.3892

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.



29.7464, -20.3486, 12.0227



29.7459, 11.2508, -29.4001



29.7464, -0.4321, 17.1765

Square

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



29.7464, 11.2508, -29.3993



29.7464, 24.9193, 10.8500



29.7464, -12.5632, 16.1959



29.7464, -21.1833, -12.0473

Rectangle

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



29.7459, 11.2508, -29.4001



29.7464, 27.9879, -4.2186



29.7464, -12.5632, 16.1959



29.7464, -22.8013, 6.4709

Sweetspot

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



29.7464, 11.2508, -29.3993



58.2126, 1.3157, -7.2743



45.8387, -16.1691, -3.1383



26.9753, 0.9811, -4.2550



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



29.7464, 11.2508, -29.3993



34.1474, 20.3514, -52.1919



32.2926, 18.7407, -23.9204



22.1432, -0.0898, -1.3670



13.1321, 35.3002, -90.8240



1.1312, 2.9252, -6.9279

Inverse Universe

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



35.2994, 26.7614, -16.2796



43.4725, 44.0749, -26.9478



46.6311, -19.1752, 19.4706



22.6380, 1.5698, -0.5614



25.4212, 49.4677, -29.5663



2.0865, 4.0826, -2.5995

Previews

White Background



This preview shows how the HunterLab color 29.7459, 11.2508, -29.4001 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 29.7459, 11.2508, -29.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

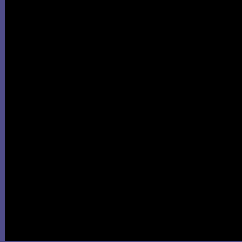
Any Text WCAG AA × Fail

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 29.7459, 11.2508, -29.4001 Background



This preview shows how black text looks on a background with the HunterLab color 29.7459, 11.2508, -29.4001.



This preview shows how white text looks on a background with the HunterLab color 29.7459, 11.2508, -29.4001.

-29.4001.

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

29.7459, 11.2508, -29.4001

Protanopia

29.8618, 5.8442, -33.0928

Deuteranopia

29.7461, 2.1341, -28.0601



Tritanopia

29.8157, -4.9847, -2.7731

Trichromacy



Original Color

29.7459, 11.2508, -29.4001

Protanomaly

29.6962, 7.6783, -31.8786

Deuteranomaly

29.5214, 5.4427, -29.2457

Tritanomaly

29.5445, 0.5907, -11.3886

Monochromacy



Original Color

29.7459, 11.2508, -29.4001

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

29.7877, 2.3022, -7.6726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7459, 11.2508, -29.4001 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(80, 77, 138)` looks like.

```
.text, #text, p{  
    color:rgb(80, 77, 138)  
}
```

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(80, 77, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 77, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7459, 11.2508, -29.4001 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(80, 77, 138) }
```


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

```
.border{ border-color:rgb(80, 77, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 77, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 77, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 77, 138);  
box-shadow:4px 4px 4px 4px rgb(80, 77,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.7459, 11.2508, -29.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 77, 138) }
```

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

```
.background{ background-color: rgb(80, 77,  
138) }
```

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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