

Converting Colors

HunterLab(49.1384, -8.4927,
-12.2477)

Have a look what the booklet for
HunterLab(49.1384, -8.4927,
-12.2477) contains.

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Color

HunterLab(49.1384, -8.4927,
-12.2477)

Conversions

Conversions Part 1

Format	Color
Hex	648CA4
RGB	100, 140, 164
RGB Percent	39%, 55%, 64%
CMY	0.6078, 0.4510, 0.3569
CMYK	0.39, 0.15, 0.00, 0.36
HSL	202°, 26%, 52%
HSV	202°, 39%, 64%
XYZ	21.3345, 24.1458, 38.6581
YIQ	130.7760, -31.5440, -1.0160

Conversions

Conversions Part 2

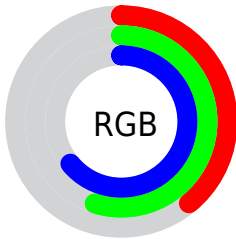
Format	Color
R _Y B	100, 125, 164
Decimal	6589604
CIE Lab	56.23, -7.48, -17.08
CIE LCh	56, 18.646, 246.336
Yxy	24.1468, 0.2536, 0.2870
Android (android.graphics.Color)	4284779684 (0xFF648CA4)
YUV	130.7760, 16.3794, -26.9906
Hunter-Lab	49.1384, -8.4927, -12.2477

Details

The HunterLab color $49.1384, -8.4927, -12.2477$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $48.1959, 7.5750, 14.9979$, and the grayscale version is $47.5000, -2.5345, 2.5808$.

A 20% lighter version of the original color is $71.0425, -10.7184, -12.3427$, and $30.2244, -6.5473, -11.5612$ is the 20% darker color. If you saturate the color by 10%, you get $46.4289, -8.8708, -16.3976$, and if you desaturate by 10%, it is $51.9864, -7.6790, -8.1575$.

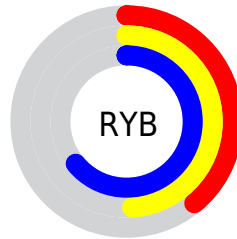
Distribution



Red (39%)

Green (55%)

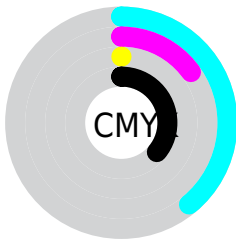
Blue (64%)



Red (39%)

Yellow (49%)

Blue (64%)

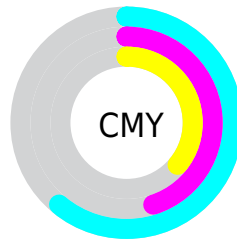


Cyan (39%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (61%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1384, -8.4927, -12.2477 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 49.1384, -8.4927, -12.2477 by changing the saturation by 10% instead.

■ 49.1384, -8.4927,
-12.2477

■ 49.1384, -8.4927,
-12.2477

165.3970,
-17.7476, -11.7731

■ 39.2970, -7.5249,
-12.0045

■ 70.9010, -10.4532,
-12.5277

■ 30.2168, -6.5581,
-11.6902

■ 82.7387, -11.4505,
-12.5746

■ 21.9691, -5.5840,
-11.3063

■ 95.1705, -12.4616,
-12.5646

■ 14.6485, -4.5860,
-10.8737

■ 108.1691,
-13.4873, -12.5012

■ 8.3078, -4.3692,
-10.7123

121.7110,
-14.5285, -12.3877

0.0000, NaN, -NF

0.0000, NaN, NaN

135.7751,

-15.5854, -12.2269

0.0000, NaN, NaN

150.3427,
-16.6584, -12.0213

0.0000, NaN, NaN

■ 49.1384, -8.4927,
-12.2477

■ 49.1384, -8.4927,
-12.2477

■ 46.4289, -8.8708,
-16.3976

■ 51.9864, -7.6790,
-8.1575

■ 43.8655, -8.7669,
-20.5964

■ 54.9596, -6.4737,
-4.1372

■ 41.4592, -8.1397,
-24.8235

■ 58.0493, -4.9199,
-0.1894

■ 39.2186, -6.9573,
-29.0529

■ 61.2465, -3.0563,
3.6859

■ 37.1489, -5.2071,
-33.2558

■ 64.5430, -0.9180,
7.4911

■ 35.2304, -2.9737,
-37.4514

■ 67.9311, 1.4643,
11.2298

■ 35.0460, -2.7481,
-37.8721

■ 71.4044, 4.0636,
14.9066

■ 74.9566, 6.8567,
18.5265

■ 78.5825, 9.8231,
22.0945

Harmonies

Analogous

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



49.1394, -14.1176, -6.5387



49.1384, -8.4927, -12.2477



49.1394, -0.9607, -13.6983

Triad

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



49.1394, -8.4931, -12.2468



49.1394, 13.1658, 4.2213



49.1394, -11.1882, 12.8240

Complementary

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



49.1384, -8.4927, -12.2477



48.1959, 7.5750, 14.9979

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.



49.1394, -4.2666, 14.8334



49.1384, -8.4927, -12.2477



49.1394, 10.0326, 10.3904

Square

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



49.1394, -8.4931, -12.2468



49.1394, 11.8604, -3.3947



49.1394, 3.5329, 14.0173



49.1394, -15.6046, 8.0569

Rectangle

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



49.1384, -8.4927, -12.2477



49.1394, 4.1983, -11.8847



49.1394, 3.5329, 14.0173



49.1394, -9.0944, 13.8075

Sweetspot

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



49.1394, -8.4931, -12.2468



76.8588, -7.3467, -1.9480



55.4099, -25.6572, 13.4780



35.6998, -3.5568, -1.2115



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



49.1394, -8.4931, -12.2468



62.9586, -11.9251, -21.4515



40.2845, 6.4952, -26.7557



27.5003, -2.3533, -0.1344



30.8398, -2.6549, -32.8160



5.3492, -1.7049, -3.0056

Inverse Universe

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



43.4753, 24.9256, -6.6119



54.2279, 42.1494, -11.0106



56.9311, -7.4189, 22.3939



26.7524, 1.5651, 0.3120



26.0850, 47.5567, -5.5114



3.8947, 7.2994, -2.3649

Previews

White Background



This preview shows how the HunterLab color 49.1384, -8.4927, -12.2477 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 49.1384, -8.4927, -12.2477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

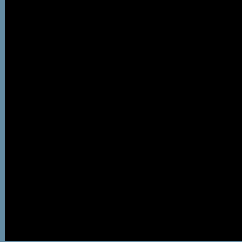
Any Text WCAG AA ✓ Pass

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 49.1384, -8.4927, -12.2477 Background



This preview shows how black text looks on a background with the HunterLab color 49.1384, -8.4927, -12.2477.



This preview shows how white text looks on a background with the HunterLab color 49.1384, -8.4927, -12.2477.

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

49.1384, -8.4927, -12.2477

Protanopia

48.9340, 0.8132, -9.5754

Deuteranopia

49.1541, 3.4950, -13.1659



Tritanopia

49.1806, -12.1969, -6.2405

Trichromacy



Original Color

49.1384, -8.4927, -12.2477

Protanomaly

49.0235, -3.1075, -10.6258

Deuteranomaly

49.0282, -1.3291, -12.8603

Tritanomaly

49.0721, -10.7702, -8.4907

Monochromacy



Original Color

49.1384, -8.4927, -12.2477

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.9859, -5.0076, -2.6273

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1384, -8.4927, -12.2477 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(100, 140, 164)` looks like.

```
.text, #text, p{  
    color:rgb(100, 140, 164)  
}
```

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(100, 140, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 140, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1384, -8.4927, -12.2477 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(100, 140, 164) }
```


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

```
.border{ border-color:rgb(100, 140, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 140, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 140, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 140, 164); box-shadow:4px 4px 4px 4px rgb(100, 140, 164) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1384, -8.4927, -12.2477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 140, 164) }
```

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

```
.background{ background-color: rgb(100,  
140, 164) }
```

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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