

Converting Colors

HunterLab(49.7308, 22.0665,
29.8575)

Have a look what the booklet for
HunterLab(49.7308, 22.0665,
29.8575) contains.

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Color

**HunterLab(49.7529, 22.0157,
29.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	C9731A
RGB	201, 115, 26
RGB Percent	79%, 45%, 10%
CMY	0.2118, 0.5490, 0.8980
CMYK	0.00, 0.43, 0.87, 0.21
HSL	31°, 77%, 45%
HSV	31°, 87%, 79%
XYZ	30.4045, 24.7535, 4.1527
YIQ	130.5680, 79.8250, -9.4470

Conversions

Conversions Part 2

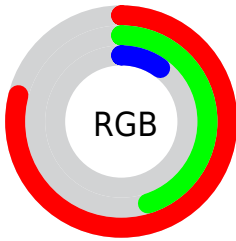
Format	Color
R_{YB}	195, 201, 26
Decimal	13202202
CIE Lab	56.84, 28.01, 58.26
CIE LCh	57, 64.639, 64.320
Yxy	24.7548, 0.5126, 0.4174
Android (android.graphics.Color)	4291392282 (0xFFC9731A)
YUV	130.5680, -51.5520, 61.7689
Hunter-Lab	49.7529, 22.0157, 29.8783

Details

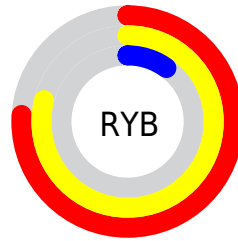
The HunterLab color **49.7529, 22.0157, 29.8783** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **40.0304, 4.6923, -57.0949**, and the grayscale version is **47.6463, -2.5423, 2.5887**.

A 20% lighter version of the original color is **70.6006, 19.7802, 37.4765**, and **30.9179, 20.5590, 19.4114** is the 20% darker color. If you saturate the color by 10%, you get **47.4971, 26.5580, 29.5208**, and if you desaturate by 10%, it is **52.2045, 17.7200, 29.5306**.

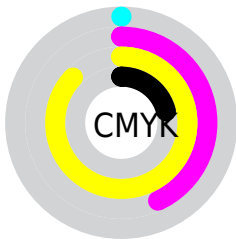
Distribution



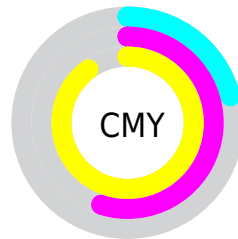
- Red (79%)
- Green (45%)
- Blue (10%)



- Red (76%)
- Yellow (79%)
- Blue (10%)



- Cyan (0%)
- Magenta (43%)
- Yellow (87%)
- Black (21%)



- Cyan (21%)
- Magenta (55%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7529, 22.0157, 29.8783 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 49.7529, 22.0157, 29.8783 by changing the saturation by 10% instead.

49.7529, 22.0157,
29.8783

49.7529, 22.0157,
29.8783

166.3174, 26.2659,
62.9803

39.8679, 21.1016,
25.3649

71.5955, 23.5114,
38.2238

30.7401, 20.0656,
20.8095

83.4698, 24.1210,
42.1175

22.4400, 18.8901,
15.7080

95.9363, 24.6486,
45.8616

15.0603, 17.5664,
10.5422

108.9683, 25.1012,
49.4776

8.6992, 16.3154,
6.0894

122.5421, 25.4846,
52.9838

0.0000, INF, NaN

0.0000, NaN, NaN

136.6370, 25.8037,

56.3950

0.0000, NaN, NaN

151.2344, 26.0629,
59.7236

0.0000, NaN, NaN

49.7529, 22.0157,
29.8783

49.7529, 22.0157,
29.8783

47.4971, 26.5580,
29.5208

52.2045, 17.7200,
29.5306

46.8668, 27.9049,
29.3676

54.8400, 13.7440,
28.4262

57.6492, 10.1142,
26.5795

60.6200, 6.8406,
24.0292

63.7402, 3.9201,
20.8257

■ 66.9983, 1.3404,
17.0237

■ 70.3833, -0.9159,
12.6779

■ 73.8855, -2.8692,
7.8398

■ 77.4958, -4.5410,
2.5571

Harmonies

Analogous

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



49.7542, 48.1421, 23.3425



49.7529, 22.0157, 29.8783



49.7542, -6.5247, 31.1242

Triad

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



49.7542, 22.0125, 29.8788



49.7542, -44.7052, -1.1750



49.7542, 30.2847, -58.1374

Complementary

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



49.7529, 22.0157, 29.8783



40.0304, 4.6923, -57.0949

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.



49.7542, 1.3317, -76.4782



49.7529, 22.0157, 29.8783



49.7542, -38.8120, -34.1577

Square

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



49.7542, 22.0125, 29.8788



49.7542, -41.4673, 19.7637



49.7542, -23.2956, -65.9344



49.7542, 53.5911, -23.9354

Rectangle

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



49.7529, 22.0157, 29.8783



49.7542, -22.3612, 30.0204



49.7542, -23.2956, -65.9344



49.7542, 20.6880, -67.0037

Sweetspot

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



49.7542, 22.0125, 29.8788



87.9699, 1.5342, 21.9003



37.8945, 63.0599, -0.2214



39.9951, 1.2306, 10.9879

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.7542, 22.0125, 29.8788



60.9455, 37.3913, 38.2089



73.6647, -19.4839, 44.2640



33.9319, -1.1346, 4.1796



37.4094, 21.5601, 23.4290



8.9856, 2.8687, 5.5871

Inverse Universe

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



40.0304, 4.6923, -57.0949



46.8671, 14.8082, -90.5465



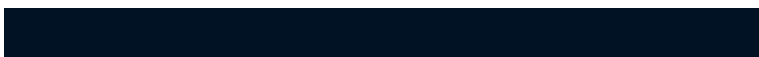
22.7500, 49.1479, -129.1315



33.3672, -2.3302, -0.6562



29.0133, 7.7472, -52.9882



7.3722, -0.2419, -8.6923

Previews

White Background



This preview shows how the HunterLab color 49.7529, 22.0157, 29.8783 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 49.7529, 22.0157, 29.8783 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 49.7529, 22.0157, 29.8783 Background



This preview shows how black text looks on a background with the HunterLab color 49.7529, 22.0157, 29.8783.



This preview shows how white text looks on a background with the HunterLab color 49.7529, 22.0157,

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

49.7529, 22.0157, 29.8783

Protanopia

49.8654, -6.6054, 28.9865

Deuteranopia

49.8839, 3.2433, 30.2578



Tritanopia

49.7316, 33.3144, 11.8905

Trichromacy



Original Color

49.7529, 22.0157, 29.8783

Protanomaly

49.4491, 3.2721, 29.0549

Deuteranomaly

49.7810, 9.6240, 30.1096

Tritanomaly

49.6123, 28.4521, 21.2890

Monochromacy



Original Color

49.7529, 22.0157, 29.8783

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.4610, 3.5199, 16.3699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7529, 22.0157, 29.8783 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(201, 115, 26)` looks like.

```
.text, #text, p{  
    color:rgb(201, 115, 26)  
}
```

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(201, 115, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 115, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7529, 22.0157, 29.8783 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(201, 115, 26) }
```


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

```
.border{ border-color:rgb(201, 115, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 115, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 115, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 115, 26);  
box-shadow:4px 4px 4px 4px rgb(201, 115,  
26) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7529, 22.0157, 29.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 115, 26) }
```

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

```
.background{ background-color: rgb(201,  
115, 26) }
```

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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