

Converting Colors

HunterLab(47.8425, 22.0775,
29.7918)

Have a look what the booklet for
HunterLab(47.8425, 22.0775,
29.7918) contains.

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Color

**HunterLab(47.8456, 22.0439,
29.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	C46E02
RGB	196, 110, 2
RGB Percent	77%, 43%, 1%
CMY	0.2314, 0.5686, 0.9921
CMYK	0.00, 0.44, 0.99, 0.23
HSL	33°, 98%, 39%
HSV	33°, 99%, 77%
XYZ	28.3519, 22.8920, 2.9817
YIQ	123.4020, 85.9240, -15.3560

Conversions

Conversions Part 2

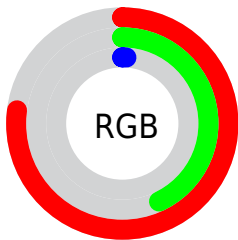
Format	Color
RYB	156, 196, 2
Decimal	12873218
CIELab	54.96, 28.21, 62.06
CIElCh	55, 68.173, 65.556
Yxy	22.8932, 0.5228, 0.4222
Android (android.graphics.Color)	4291063298 (0xFFC46E02)
YUV	123.4020, -59.8512, 63.6684
Hunter-Lab	47.8456, 22.0439, 29.7970

Details

The HunterLab color **47.8456, 22.0439, 29.7970** 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 **33.1328, 14.6320, -72.7809**, and the grayscale version is **44.8654, -2.3939, 2.4376**.

A 20% lighter version of the original color is **68.9245, 22.2697, 38.2929**, and **29.2775, 20.8416, 18.4055** is the 20% darker color. If you saturate the color by 10%, you get **47.6423, 22.4541, 29.7500**, and if you desaturate by 10%, it is **49.9130, 18.0303, 30.1936**.

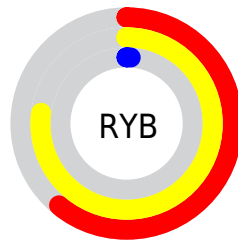
Distribution



Red (77%)

Green (43%)

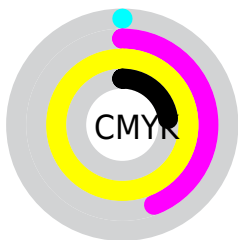
Blue (1%)



Red (61%)

Yellow (77%)

Blue (1%)

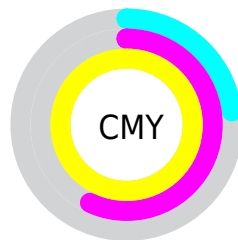


Cyan (0%)

Magenta (44%)

Yellow (99%)

Black (23%)



Cyan (23%)

Magenta (57%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8456, 22.0439, 29.7970 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 47.8456, 22.0439, 29.7970 by changing the saturation by 10% instead.

47.8456, 22.0439,
29.7970

47.8456, 22.0439,
29.7970

163.4552, 26.4919,
65.0394

38.0982, 21.0985,
24.9794

69.4392, 23.5948,
38.7163

29.1196, 20.0283,
20.3837

81.1991, 24.2287,
42.8733

20.9840, 18.8161,
14.6888

93.5569, 24.7791,
46.8653

13.7899, 17.4571,
9.6529

106.4848, 25.2530,
50.7153

7.4118, 17.5515,
5.1883

119.9588, 25.6564,
54.4427


0.0000, INF, NaN

0.0000, NaN, NaN


133.9575, 25.9945,


58.0638


0.0000, NaN, NaN


 148.4620, 26.2717,
61.5922


0.0000, NaN, NaN


 47.8456, 22.0439,
29.7970

 47.8456, 22.0439,
29.7970

 47.6423, 22.4541,
29.7500

 49.9130, 18.0303,
30.1936

 52.1296, 14.2629,
29.9642

 54.4966, 10.8075,
28.9963

 57.0071, 7.6887,
27.2867

 59.6532, 4.9151,
24.8594

■ 62.4265, 2.4841,
21.7527

■ 65.3185, 0.3858,
18.0124

■ 68.3213, -1.3949,
13.6865

■ 71.4272, -2.8754,
8.8229

Harmonies

Analogous

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



47.8469, 50.0937, 23.9513



47.8456, 22.0439, 29.7970



47.8469, -7.6977, 30.7633

Triad

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



47.8469, 22.0407, 29.7975



47.8469, -45.4808, -2.6687



47.8469, 33.2742, -61.3217

Complementary

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



47.8456, 22.0439, 29.7970



33.1328, 14.6320, -72.7809

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.



47.8469, 2.8133, -82.5560



47.8456, 22.0439, 29.7970



47.8469, -39.1907, -38.1989

Square

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



47.8469, 22.0407, 29.7975



47.8469, -42.6206, 19.4230



47.8469, -23.0086, -72.2762



47.8469, 57.5616, -24.0674

Rectangle

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



47.8456, 22.0439, 29.7970



47.8469, -23.7913, 29.6938



47.8469, -23.0086, -72.2762



47.8469, 23.1828, -71.3178

Sweetspot

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



47.8469, 22.0407, 29.7975



87.3238, 0.9136, 25.0477



35.3633, 62.2981, 6.9233



39.6246, 0.9703, 12.6081

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.8469, 22.0407, 29.7975



63.7143, 31.1210, 39.8053



70.6828, -22.4951, 43.1123



33.1465, -1.3126, 4.1926



38.4167, 17.5043, 23.9787



8.7939, 1.9811, 5.4535

Inverse Universe

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



33.1328, 14.6320, -72.7809



43.6330, 21.6579, -101.2906



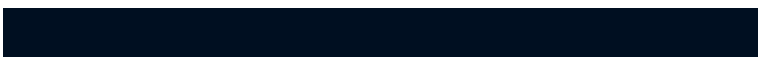
20.2611, 53.8153, -139.3968



32.3519, -2.0616, -0.7823



26.6355, 11.4839, -58.0826



6.6613, 0.2178, -8.7963

Previews

White Background



This preview shows how the HunterLab color 47.8456, 22.0439, 29.7970 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 47.8456, 22.0439, 29.7970 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 47.8456, 22.0439, 29.7970 Background



This preview shows how black text looks on a background with the HunterLab color 47.8456, 22.0439, 29.7970.



This preview shows how white text looks on a background with the HunterLab color 47.8456, 22.0439,

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

47.8456, 22.0439, 29.7970

Protanopia

47.8848, -6.4888, 28.7858

Deuteranopia

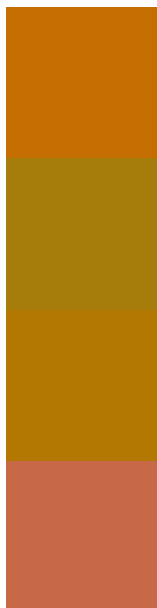
47.8359, 3.1193, 29.5309



Tritanopia

47.8622, 33.2912, 11.8012

Trichromacy



Original Color

47.8456, 22.0439, 29.7970

Protanomaly

47.4831, 3.3441, 28.9221

Deuteranomaly

47.8541, 9.8137, 29.6237

Tritanomaly

47.6447, 28.0499, 22.4312

Monochromacy



Original Color

47.8456, 22.0439, 29.7970

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

44.7274, 3.4092, 17.8150

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8456, 22.0439, 29.7970 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(196, 110, 2)` looks like.

```
.text, #text, p{  
    color:rgb(196, 110, 2)  
}
```

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(196, 110, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 110, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8456, 22.0439, 29.7970 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(196, 110, 2) }
```


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

```
.border{ border-color:rgb(196, 110, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 110, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 110, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 110, 2);  
box-shadow:4px 4px 4px 4px rgb(196, 110,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8456, 22.0439, 29.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 110, 2) }
```

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

```
.background{ background-color: rgb(196,  
110, 2) }
```

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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