

Converting Colors

HunterLab(47.2132, 30.1992,
29.5491)

Have a look what the booklet for
HunterLab(47.2132, 30.1992,
29.5491) contains.

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Color

**HunterLab(47.2132, 30.1992,
29.5491)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6502
RGB	205, 101, 2
RGB Percent	80%, 40%, 1%
CMY	0.1961, 0.6039, 0.9921
CMYK	0.00, 0.51, 0.99, 0.20
HSL	29°, 98%, 41%
HSV	29°, 99%, 80%
XYZ	29.8415, 22.2909, 2.7872
YIQ	120.8100, 93.7630, -8.7410

Conversions

Conversions Part 2

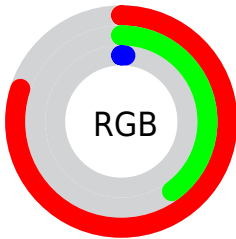
Format	Color
RYB	205, 195, 2
Decimal	13460738
CIELab	54.34, 36.66, 62.32
CIELCh	54, 72.307, 59.533
Yxy	22.2921, 0.5434, 0.4059
Android (android.graphics.Color)	4291650818 (0xFFCD6502)
YUV	120.8100, -58.5733, 73.8346
Hunter-Lab	47.2132, 30.1992, 29.5491

Details

The HunterLab color **47.2132, 30.1992, 29.5491** 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 **38.3778, 8.1797, -65.4379**, and the grayscale version is **43.8488, -2.3397, 2.3824**.

A 20% lighter version of the original color is **66.6602, 26.9117, 36.9625**, and **28.6484, 27.8211, 18.1400** is the 20% darker color. If you saturate the color by 10%, you get **46.9993, 30.6705, 29.4977**, and if you desaturate by 10%, it is **49.5168, 25.3352, 30.0157**.

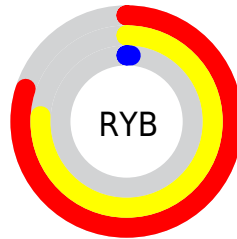
Distribution



Red (80%)

Green (40%)

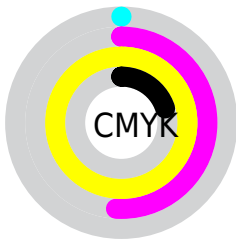
Blue (1%)



Red (80%)

Yellow (76%)

Blue (1%)

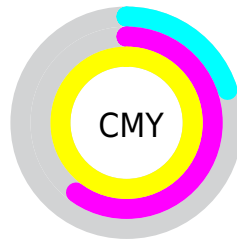


Cyan (0%)

Magenta (51%)

Yellow (99%)

Black (20%)



Cyan (20%)

Magenta (60%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2132, 30.1992, 29.5491 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 47.2132, 30.1992, 29.5491 by changing the saturation by 10% instead.

47.2132, 30.1992,
29.5491

47.2132, 30.1992,
29.5491

162.5016, 37.5671,
65.0035

37.5122, 28.8855,
24.6982

68.7228, 32.4628,
38.5299

28.5842, 27.4464,
20.0089

80.4443, 33.4391,
42.7140

20.5043, 25.8795,
14.3530

92.7654, 34.3221,
46.7308

13.3734, 24.2228,
9.3614

105.6584, 35.1192,
50.6036

6.9280, 25.5154,
4.8496

119.0988, 35.8370,
54.3521

0.0000, INF, NaN

0.0000, NaN, NaN

133.0652, 36.4810,

57.9927

0.0000, NaN, NaN

147.5386, 37.0563,
61.5392

0.0000, NaN, NaN

47.2132, 30.1992,
29.5491

47.2132, 30.1992,
29.5491

46.9993, 30.6705,
29.4977

49.5168, 25.3352,
30.0157

52.0338, 20.6833,
29.8202

54.7591, 16.3359,
28.8559

57.6789, 12.3340,
27.1344

60.7790, 8.6949,
24.6963

■ 64.0449, 5.4188,
21.5957

■ 67.4632, 2.4953,
17.8914

■ 71.0211, -0.0932,
13.6415

■ 74.7072, -2.3677,
8.9010

Harmonies

Analogous

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



47.2145, 58.4105, 22.3200



47.2132, 30.1992, 29.5491



47.2145, -2.0533, 31.0438

Triad

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



47.2145, 30.1957, 29.5496



47.2145, -47.2524, 3.0127



47.2145, 29.1811, -73.7342

Complementary

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



47.2132, 30.1992, 29.5491



38.3778, 8.1797, -65.4379

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.



47.2145, -2.9885, -90.9173



47.2132, 30.1992, 29.5491



47.2145, -42.7573, -32.9772

Square

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



47.2145, 30.1957, 29.5496



47.2145, -42.4629, 22.6995



47.2145, -28.2103, -72.7115



47.2145, 57.7298, -34.2755

Rectangle

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



47.2132, 30.1992, 29.5491



47.2145, -20.1970, 30.4880



47.2145, -28.2103, -72.7115



47.2145, 18.2096, -83.0978

Sweetspot

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



47.2145, 30.1957, 29.5496



85.7371, 3.6768, 23.5859



37.5256, 66.7878, 2.3645



38.7961, 2.4270, 11.8706

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2145, 30.1957, 29.5496



59.8054, 40.0780, 37.5534



74.1920, -18.6388, 45.3444



34.7876, -1.0677, 4.2385



37.3372, 23.6005, 23.4202



9.3326, 3.4762, 5.8116

Inverse Universe

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



38.3778, 8.1797, -65.4379



48.3269, 11.8952, -86.0828



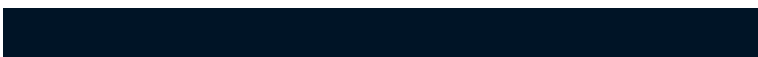
21.3018, 55.7597, -146.6547



34.3197, -2.4886, -0.6122



30.3765, 6.2010, -51.3543



7.9228, -0.4152, -9.0066

Previews

White Background



This preview shows how the HunterLab color 47.2132, 30.1992, 29.5491 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 47.2132, 30.1992, 29.5491 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 47.2132, 30.1992, 29.5491 Background



This preview shows how black text looks on a background with the HunterLab color 47.2132, 30.1992, 29.5491.



This preview shows how white text looks on a background with the HunterLab color 47.2132, 30.1992,

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

47.2132, 30.1992, 29.5491

Protanopia

47.4124, -6.7031, 28.3823

Deuteranopia

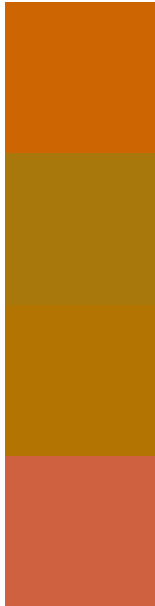
47.3441, 2.8261, 29.2227



Tritanopia

47.2603, 39.3480, 14.6850

Trichromacy



Original Color

47.2132, 30.1992, 29.5491

Protanomaly

46.6737, 6.0201, 28.4236

Deuteranomaly

47.1129, 12.5492, 29.2143

Tritanomaly

47.1009, 34.7984, 23.5268

Monochromacy



Original Color

47.2132, 30.1992, 29.5491

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

43.8863, 5.9339, 17.4089

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2132, 30.1992, 29.5491 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(205, 101, 2)` looks like.

```
.text, #text, p{  
    color:rgb(205, 101, 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(205, 101, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 101, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2132, 30.1992, 29.5491 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(205, 101, 2) }
```


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

```
.border{ border-color:rgb(205, 101, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 101, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 101, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 101, 2);  
box-shadow:4px 4px 4px 4px rgb(205, 101,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2132, 30.1992, 29.5491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 101, 2) }
```

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

```
.background{ background-color: rgb(205,  
101, 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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