

Converting Colors

HunterLab(71.8620, 12.1388,
42.5887)

Have a look what the booklet for
HunterLab(71.8620, 12.1388,
42.5887) contains.

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Color

**HunterLab(71.7977, 12.0514,
42.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB02B
RGB	250, 176, 43
RGB Percent	98%, 69%, 17%
CMY	0.0196, 0.3098, 0.8313
CMYK	0.00, 0.30, 0.83, 0.02
HSL	39°, 95%, 57%
HSV	39°, 83%, 98%
XYZ	55.3857, 51.5491, 9.3164
YIQ	182.9640, 86.7970, -25.6750

Conversions

Conversions Part 2

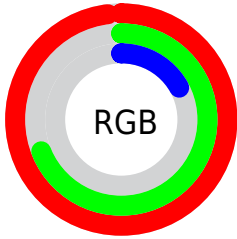
Format	Color
R _Y B	158, 250, 43
Decimal	16429099
CIE Lab	77.01, 16.72, 72.23
CIE LCh	77, 74.141, 76.969
Yxy	51.5517, 0.4764, 0.4434
Android (android.graphics.Color)	4294619179 (0xFF FAB02B)
YUV	182.9640, -69.0023, 58.7906
Hunter-Lab	71.7977, 12.0514, 42.5650

Details

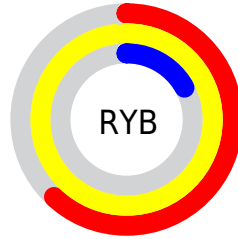
The HunterLab color **71.7977, 12.0514, 42.5650** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **44.8753, 19.3701, -91.5020**, and the grayscale version is **69.0545, -3.6846, 3.7519**.

A 20% lighter version of the original color is **89.0794, -11.2828, 46.4982**, and **50.1066, 11.8710, 31.0832** is the 20% darker color. If you saturate the color by 10%, you get **69.3042, 16.1642, 42.4981**, and if you desaturate by 10%, it is **74.4416, 8.3344, 41.6600**.

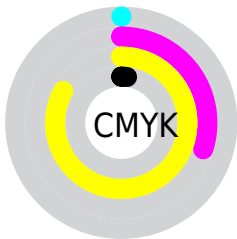
Distribution



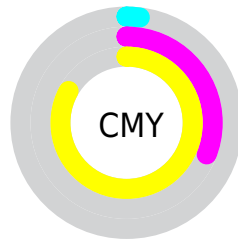
- Red (98%)
- Green (69%)
- Blue (17%)



- Red (62%)
- Yellow (98%)
- Blue (17%)



- Cyan (0%)
- Magenta (30%)
- Yellow (83%)
- Black (2%)



















- Cyan (2%)
- Magenta (31%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.7977, 12.0514, 42.5650 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 71.7977, 12.0514, 42.5650 by changing the saturation by 10% instead.

 71.7977, 12.0514, 42.5650	 71.7977, 12.0514, 42.5650
 198.1675, 11.2469, 80.0660	 60.5375, 11.8455, 37.6270
 96.1612, 12.2439, 51.8427	 49.9349, 11.5637, 32.4589
 109.2029, 12.2500, 56.2270	 40.0357, 11.1918, 27.1115
 122.7861, 12.2010, 60.4689	 30.8940, 10.7162, 21.6258
 136.8900, 12.1009, 64.5857	 22.5786, 10.1189, 15.8050
 151.4960, 11.9527, 68.5920	 15.1817, 9.3757, 10.6272
 166.5875, 11.7594,	 8.8106, 8.5691,

72.5005

6.1674

182.1492, 11.5234,
76.3220

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.7977, 12.0514,
42.5650

■ 71.7977, 12.0514,
42.5650

■ 69.3042, 16.1642,
42.4981

■ 74.4416, 8.3344,
41.6600

■ 67.5913, 19.3180,
41.9876


■ 77.2298, 5.0623,
39.7259


■ 80.1606, 2.2485,
36.7555


■ 83.2291, -0.1036,
32.7698


■ 86.4294, -2.0004,

27.8073

 89.7553, -3.4550,
21.9168

 93.2005, -4.4851,
15.1528

 96.7587, -5.1112,
7.5717

 99.5308, -6.9717,
4.8510

Harmonies

Analogous

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



71.7995, 48.3471, 36.8095



71.7977, 12.0514, 42.5650



71.7995, -22.5134, 42.2151

Triad

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



71.7995, 12.0476, 42.5657



71.7995, -57.7150, -17.5002



71.7995, 52.5453, -55.2581

Complementary

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



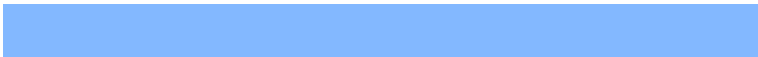
71.7977, 12.0514, 42.5650



44.8753, 19.3701, -91.5020

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.



71.7995, 16.9727, -88.7800



71.7977, 12.0514, 42.5650



71.7995, -44.3773, -60.7566

Square

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



71.7995, 12.0476, 42.5657



71.7995, -58.5261, 16.9454



71.7995, -18.4466, -91.1717



71.7995, 74.5814, -12.1511

Rectangle

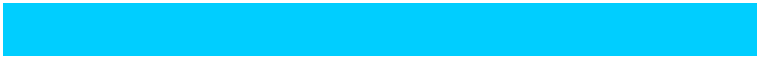
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7977, 12.0514, 42.5650



71.7995, -40.1248, 38.6355



71.7995, -18.4466, -91.1717



71.7995, 41.4951, -68.7650

Sweetspot

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



71.7995, 12.0476, 42.5657



91.0303, -3.2405, 23.8379



48.3545, 76.3729, 9.7704



41.5592, -1.2645, 12.0243

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.7995, 12.0476, 42.5657



69.3461, 19.3559, 43.0070



91.7268, -34.2882, 54.4437



43.6873, -2.1924, 5.8968



49.5129, 13.5001, 30.7460



15.7188, 2.8459, 9.7357

Inverse Universe

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



44.8753, 19.3701, -91.5020



38.7667, 33.3552, -120.2218



31.5515, 61.8308, -149.4293



42.0218, -2.2146, -1.4965



27.8020, 23.1714, -84.7704



9.5299, 4.5304, -21.6914

Previews

White Background



This preview shows how the HunterLab color 71.7977, 12.0514, 42.5650 looks on a white 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

Black Background



This preview shows how the HunterLab color 71.7977, 12.0514, 42.5650 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 71.7977, 12.0514, 42.5650 Background



This preview shows how black text looks on a background with the HunterLab color 71.7977, 12.0514, 42.5650.



This preview shows how white text looks on a background with the HunterLab color 71.7977, 12.0514,

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

71.7977, 12.0514, 42.5650

Protanopia

71.9465, -9.6079, 41.9487

Deuteranopia

71.9257, 5.3123, 42.6840



Tritanopia

71.6551, 30.6233, 10.2725

Trichromacy



Original Color

71.7977, 12.0514, 42.5650

Protanomaly

71.8651, -2.2421, 42.1112

Deuteranomaly

71.8613, 7.9942, 42.6133

Tritanomaly

71.2861, 21.9640, 27.3253

Monochromacy



Original Color

71.7977, 12.0514, 42.5650

Achromatopsia

68.8136, -3.6717, 3.7388

Achromatomaly

68.9738, -1.0942, 23.7173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.7977, 12.0514, 42.5650 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(250, 176, 43)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 43)  
}
```

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(250, 176, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 71.7977, 12.0514, 42.5650 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(250, 176, 43) }
```


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

```
.border{ border-color:rgb(250, 176, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 176, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 43);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.7977, 12.0514, 42.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 176, 43) }
```

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

```
.background{ background-color: rgb(250,  
176, 43) }
```

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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