

Converting Colors

HunterLab(69.1697, 12.6813,
42.8441)

Have a look what the booklet for
HunterLab(69.1697, 12.6813,
42.8441) contains.

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Color

**HunterLab(69.1292, 12.8920,
42.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A900
RGB	245, 169, 0
RGB Percent	96%, 66%, 0%
CMY	0.0392, 0.3372, 0.9999
CMYK	0.00, 0.31, 1.00, 0.04
HSL	41°, 100%, 48%
HSV	41°, 100%, 96%
XYZ	51.8442, 47.7885, 6.4916
YIQ	172.4580, 99.5450, -36.4470

Conversions

Conversions Part 2

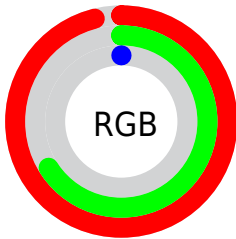
Format	Color
R_{YB}	110, 245, 0
Decimal	16099584
CIE _{Lab}	74.69, 17.62, 78.23
CIE _{LCh}	75, 80.190, 77.310
Yxy	47.7909, 0.4885, 0.4503
Android (android.graphics.Color)	4294289664 (0xFFFF5A900)
YUV	172.4580, -85.0218, 63.6193
Hunter-Lab	69.1292, 12.8920, 42.8228

Details

The HunterLab color **69.1292, 12.8920, 42.8228** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **34.2968, 39.2139, -127.5178**, and the grayscale version is **64.7335, -3.4540, 3.5171**.

A 20% lighter version of the original color is **86.6894, -8.9227, 48.0707**, and **47.7387, 13.2616, 29.6485** is the 20% darker color. If you saturate the color by 10%, you get **69.1296, 12.8907, 42.8230**, and if you desaturate by 10%, it is **71.2528, 9.2608, 43.3250**.

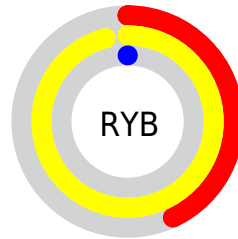
Distribution



Red (96%)

Green (66%)

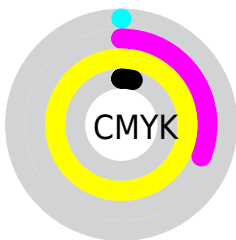
Blue (0%)



Red (43%)

Yellow (96%)

Blue (0%)

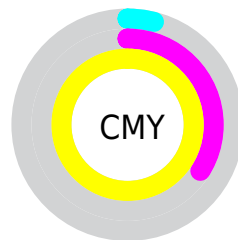


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (34%)


Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.1292, 12.8920, 42.8228 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 69.1292, 12.8920, 42.8228 by changing the saturation by 10% instead.


 69.1292, 12.8920,
42.8228


 69.1292, 12.8920,
42.8228


194.4126, 12.5063,
83.3763


 58.0184, 12.6272,
37.4723


 93.2164, 13.1925,
52.8868


 47.5747, 12.2822,
31.8914


 106.1293, 13.2486,
57.6397


 37.8459, 11.8422,
26.4922


 119.5889, 13.2474,
62.2336

 28.8890, 11.2923,
20.2223

 133.5737, 13.1930,
66.6866

 20.7774, 10.6132,
14.5441

 148.0649, 13.0889,
71.0145

 13.6103, 9.7795,
9.5272

 163.0451, 12.9381,

 7.2078, 10.3310,

75.2310

5.0455

178.4991, 12.7431,
79.3481

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.1292, 12.8920,
42.8228

■ 69.1292, 12.8920,
42.8228

■ 69.1296, 12.8907,
42.8230

■ 71.2528, 9.2608,
43.3250

■ 73.4854, 5.9557,
43.0398

■ 75.8383, 3.0506,
41.7863

■ 78.3124, 0.5753,
39.5144

■ 80.9065, -1.4564,

36.2127

■ 83.6179, -3.0417,
31.8944

■ 86.4430, -4.1857,
26.5895

■ 89.3776, -4.8995,
20.3382

■ 92.4175, -5.1978,
13.1871

Harmonies

Analogous

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



69.1310, 52.3689, 37.5978



69.1292, 12.8920, 42.8228



69.1310, -23.8847, 42.4579

Triad

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



69.1310, 12.8882, 42.8234



69.1310, -59.9873, -19.9432



69.1310, 57.7632, -60.8551

Complementary

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



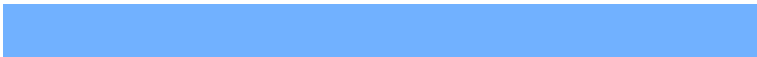
69.1292, 12.8920, 42.8228



34.2968, 39.2139, -127.5178

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.



69.1310, 19.1218, -99.1209



69.1292, 12.8920, 42.8228



69.1310, -46.1401, -68.1205

Square

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



69.1310, 12.8882, 42.8234



69.1310, -60.9561, 17.2105



69.1310, -18.8440, -102.3231



69.1310, 81.7550, -13.0828

Rectangle

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



69.1292, 12.8920, 42.8228



69.1310, -42.2278, 39.1272



69.1310, -18.8440, -102.3231



69.1310, 45.7226, -76.1516

Sweetspot

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



69.1310, 12.8882, 42.8234



90.4420, -4.3736, 27.8688



44.6732, 77.7205, 19.4229



41.2583, -1.8145, 14.0343

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.1310, 12.8882, 42.8234



72.2991, 13.5768, 44.7881



88.0884, -39.6754, 53.5847



42.8900, -2.4102, 5.9307



50.9929, 8.9812, 31.5788



15.7090, 1.5670, 9.7073

Inverse Universe

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



34.2968, 39.2139, -127.5178



35.8139, 41.2600, -133.8328



26.7379, 70.4415, -173.8467



40.9454, -1.9008, -1.6531



25.5965, 27.5854, -91.5424



8.6663, 5.4273, -22.5482

Previews

White Background



This preview shows how the HunterLab color 69.1292, 12.8920, 42.8228 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 69.1292, 12.8920, 42.8228 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 69.1292, 12.8920, 42.8228 Background



This preview shows how black text looks on a background with the HunterLab color 69.1292, 12.8920, 42.8228.



This preview shows how white text looks on a background with the HunterLab color 69.1292, 12.8920,

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

69.1292, 12.8920, 42.8228

Protanopia

69.3868, -9.6375, 42.1682

Deuteranopia

69.2702, 4.8742, 42.7693



Tritanopia

69.0463, 32.6361, 10.8852

Trichromacy



Original Color

69.1292, 12.8920, 42.8228

Protanomaly

69.0176, -1.8274, 42.2496

Deuteranomaly

69.2038, 7.5214, 42.7747

Tritanomaly

68.3463, 22.7800, 30.2060

Monochromacy



Original Color

69.1292, 12.8920, 42.8228

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

65.0938, -1.8231, 26.9006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.1292, 12.8920, 42.8228 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(245, 169, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 169, 0)  
}
```

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(245, 169, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 169, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 69.1292, 12.8920, 42.8228 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(245, 169, 0) }
```


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

```
.border{ border-color:rgb(245, 169, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 169, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 169, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 169, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 169,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.1292, 12.8920, 42.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 169, 0) }
```

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

```
.background{ background-color: rgb(245,  
169, 0) }
```

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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