

Converting Colors

HunterLab(72.8032, 13.4805,
43.2258)

Have a look what the booklet for
HunterLab(72.8032, 13.4805,
43.2258) contains.

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Color

**HunterLab(72.7177, 13.6391,
43.1836)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB12B
RGB	255, 177, 43
RGB Percent	100%, 69%, 17%
CMY	0.0000, 0.3059, 0.8313
CMYK	0.00, 0.31, 0.83, 0.00
HSL	38°, 100%, 58%
HSV	38°, 83%, 100%
XYZ	57.3981, 52.8786, 9.4669
YIQ	185.0460, 89.5020, -25.1380

Conversions

Conversions Part 2

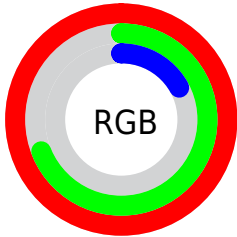
Format	Color
R _Y B	166, 255, 43
Decimal	16757035
CIE Lab	77.80, 18.30, 73.13
CIE LCh	78, 75.381, 75.952
Yxy	52.8813, 0.4793, 0.4416
Android (android.graphics.Color)	4294947115 (0xFFFFB12B)
YUV	185.0460, -70.0287, 61.3497
Hunter-Lab	72.7177, 13.6391, 43.1836

Details

The HunterLab color **72.7177, 13.6391, 43.1836** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **46.2686, 18.8858, -92.3910**, and the grayscale version is **69.9319, -3.7314, 3.7995**.

A 20% lighter version of the original color is **89.7092, -12.2799, 46.9263**, and **50.9948, 13.4104, 31.6575** is the 20% darker color. If you saturate the color by 10%, you get **70.1207, 18.0062, 43.0571**, and if you desaturate by 10%, it is **75.4752, 9.6759, 42.3169**.

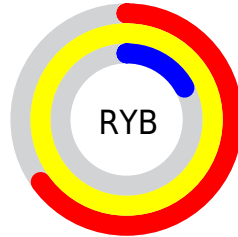
Distribution



Red (100%)

Green (69%)

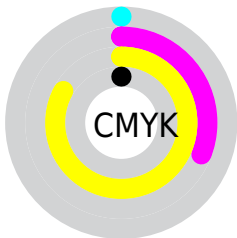
Blue (17%)



Red (65%)

Yellow (100%)

Blue (17%)

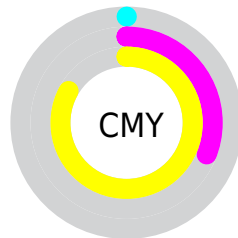


Cyan (0%)

Magenta (31%)

Yellow (83%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.7177, 13.6391, 43.1836 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 72.7177, 13.6391, 43.1836 by changing the saturation by 10% instead.

72.7177, 13.6391,
43.1836

72.7177, 13.6391,
43.1836

199.4567, 13.3389,
81.0077

61.4069, 13.3675,
38.2087

97.1750, 13.9557,
52.5361

50.7505, 13.0176,
33.0045

110.2604, 14.0209,
56.9576

40.7938, 12.5748,
27.6111

123.8856, 14.0293,
61.2364

31.5897, 12.0255,
22.1128

138.0300, 13.9847,
65.3893

23.2058, 11.3517,
16.2441

152.6751, 13.8906,
69.4311

15.7319, 10.5304,
11.0124

167.8044, 13.7500,

9.2954, 9.5396,

73.3744

6.5068

183.4028, 13.5653,
77.2302

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.7177, 13.6391,
43.1836

■ 72.7177, 13.6391,
43.1836

■ 70.1207, 18.0062,
43.0571

■ 75.4752, 9.6759,
42.3169

■ 68.4210, 21.1851,
42.5316


■ 78.3863, 6.1688,
40.3984


■ 81.4487, 3.1322,
37.4224


■ 84.6566, 0.5698,
33.4122

■ 88.0036, -1.5252,

28.4097

 91.4826, -3.1670,
22.4669

 95.0868, -4.3741,
15.6412

 98.8093, -5.1682,
7.9916

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



72.7195, 50.5794, 37.0982



72.7177, 13.6391, 43.1836



72.7195, -21.8934, 43.0136

Triad

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



72.7195, 13.6352, 43.1843



72.7195, -59.0487, -16.4916



72.7195, 52.6562, -58.0666

Complementary

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



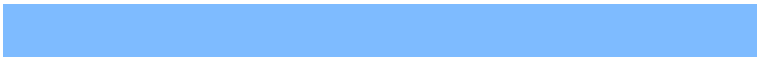
72.7177, 13.6391, 43.1836



46.2686, 18.8858, -92.3910

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.



72.7195, 16.0688, -91.6648



72.7177, 13.6391, 43.1836



72.7195, -45.9100, -60.7928

Square

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



72.7195, 13.6352, 43.1843



72.7195, -59.4476, 18.1573



72.7195, -19.8873, -92.8519



72.7195, 75.8932, -13.8460

Rectangle

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



72.7177, 13.6391, 43.1836



72.7195, -40.1242, 39.5686



72.7195, -19.8873, -92.8519



72.7195, 41.2250, -71.7499

Sweetspot

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



72.7195, 13.6352, 43.1843



90.8245, -2.8944, 23.6441



49.4470, 78.6540, 8.8739



41.4511, -1.0823, 11.9256

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.7195, 13.6352, 43.1843



68.4213, 21.1852, 42.5318



94.1068, -33.9712, 55.9532



44.6108, -2.1786, 5.9942



49.7561, 14.7140, 30.9171



16.1842, 3.2982, 10.0303

Inverse Universe

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



46.2686, 18.8858, -92.3910



38.9774, 32.7059, -119.3211



31.8868, 63.3200, -155.1543



42.9792, -2.3243, -1.4920



28.6325, 22.4859, -84.3287



9.9914, 4.5571, -22.3259

Previews

White Background



This preview shows how the HunterLab color 72.7177, 13.6391, 43.1836 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 72.7177, 13.6391, 43.1836 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 72.7177, 13.6391, 43.1836 Background



This preview shows how black text looks on a background with the HunterLab color 72.7177, 13.6391, 43.1836.



This preview shows how white text looks on a background with the HunterLab color 72.7177, 13.6391,

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

72.7177, 13.6391, 43.1836

Protanopia

72.7627, -9.8226, 42.4727

Deuteranopia

72.8525, 5.4993, 43.3539



Tritanopia

72.7259, 28.7440, 10.5478

Trichromacy



Original Color

72.7177, 13.6391, 43.1836

Protanomaly

72.4989, -1.5602, 42.5323

Deuteranomaly

72.7887, 8.1876, 43.2866

Tritanomaly

72.3718, 21.3890, 27.6680

Monochromacy



Original Color

72.7177, 13.6391, 43.1836

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.8935, -0.9020, 24.2284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.7177, 13.6391, 43.1836 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(255, 177, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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(255, 177, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 72.7177, 13.6391, 43.1836 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(255, 177, 43) }
```


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

```
.border{ border-color:rgb(255, 177, 43) }
```

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

Here you see how a box with a 4 pixel rgb(255, 177, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.7177, 13.6391, 43.1836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 43) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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