

Converting Colors

HunterLab(70.6100, 17.9543,
41.3840)

Have a look what the booklet for
HunterLab(70.6100, 17.9543,
41.3840) contains.

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Color

**HunterLab(70.6100, 17.9543,
41.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA931
RGB	255, 169, 49
RGB Percent	100%, 66%, 19%
CMY	0.0000, 0.3372, 0.8078
CMYK	0.00, 0.34, 0.81, 0.00
HSL	35°, 100%, 60%
HSV	35°, 81%, 100%
XYZ	55.9824, 49.8577, 9.5786
YIQ	181.0340, 89.7760, -19.0880

Conversions

Conversions Part 2

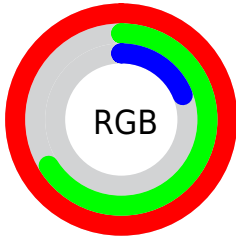
Format	Color
RYB	197, 255, 49
Decimal	16754993
CIELab	75.98, 22.65, 69.64
CIELCh	76, 73.229, 71.987
Yxy	49.8603, 0.4850, 0.4320
Android (android.graphics.Color)	4294945073 (0xFFFFA931)
YUV	181.0340, -65.0928, 64.8682
Hunter-Lab	70.6100, 17.9543, 41.3840

Details

The HunterLab color **70.6100, 17.9543, 41.3840** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **50.1995, 11.6430, -80.6027**, and the grayscale version is **68.2292, -3.6405, 3.7070**.

A 20% lighter version of the original color is **86.9432, -7.5216, 44.3285**, and **49.0510, 17.3414, 30.5286** is the 20% darker color. If you saturate the color by 10%, you get **67.7505, 22.8873, 41.4154**, and if you desaturate by 10%, it is **73.6636, 13.4355, 40.3400**.

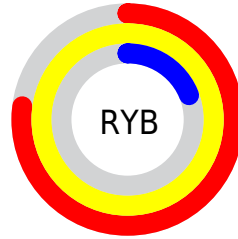
Distribution



Red (100%)

Green (66%)

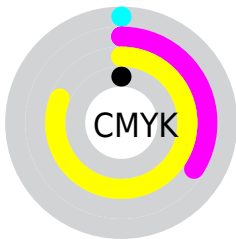
Blue (19%)



Red (77%)

Yellow (100%)

Blue (19%)

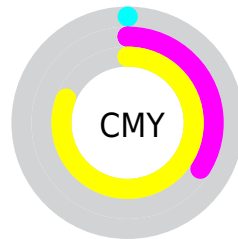


Cyan (0%)

Magenta (34%)

Yellow (81%)

Black (0%)



Cyan (0%)
















Magenta (34%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.6100, 17.9543, 41.3840 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 70.6100, 17.9543, 41.3840 by changing the saturation by 10% instead.

 70.6100, 17.9543, 41.3840	 70.6100, 17.9543, 41.3840
196.4992, 19.2191, 77.8009	 59.4158, 17.4741, 36.5825
 94.8514, 18.6621, 50.3957	 48.8834, 16.9055, 31.5506
 107.8361, 18.9117, 54.6522	 39.0595, 16.2328, 26.3184
 121.3646, 19.0980, 58.7701	 29.9992, 15.4412, 20.9995
 135.4158, 19.2256, 62.7666	 21.7736, 14.5127, 15.2415
 149.9710, 19.2983, 66.6562	 14.4777, 13.4280, 10.1344
 165.0133, 19.3195,	 8.1388, 12.7421,

70.4516

5.6972

180.5273, 19.2922,
74.1634

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.6100, 17.9543,
41.3840

■ 70.6100, 17.9543,
41.3840

■ 67.7505, 22.8873,
41.4154

■ 73.6636, 13.4355,
40.3400

■ 65.2785, 27.7243,
40.7097


■ 76.8998, 9.3819,
38.2530


■ 80.3117, 5.8051,
35.1408

■ 83.8898, 2.7049,
31.0460

■ 87.6242, 0.0700,

26.0252

 91.5053, -2.1177,
20.1415

 95.5235, -3.8811,
13.4596

99.6700, -5.2451,
6.0428

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



70.6118, 52.6523, 34.3807



70.6100, 17.9543, 41.3840



70.6118, -17.0355, 41.9132

Triad

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



70.6118, 17.9503, 41.3847



70.6118, -57.6790, -10.5686



70.6118, 46.3464, -61.0442

Complementary

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



70.6100, 17.9543, 41.3840



50.1995, 11.6430, -80.6027

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.



70.6118, 10.5503, -90.0246



70.6100, 17.9543, 41.3840



70.6118, -46.6478, -52.7894

Square

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



70.6118, 17.9503, 41.3847



70.6118, -56.4591, 20.7149



70.6118, -23.1484, -86.4350



70.6118, 71.0917, -18.6041

Rectangle

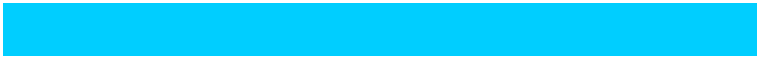
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.6100, 17.9543, 41.3840



70.6118, -35.6063, 39.1645



70.6118, -23.1484, -86.4350



70.6118, 34.9440, -73.4279

Sweetspot

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



70.6118, 17.9503, 41.3847



90.2415, -1.4613, 22.1248



50.2987, 78.5761, 3.9061



41.1100, -0.3156, 11.2062

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.6118, 17.9503, 41.3847



66.0684, 26.1373, 40.9715



95.1257, -30.0870, 56.2779



44.4357, -1.8863, 5.8068



47.5059, 19.3615, 29.6119



15.5350, 4.5727, 9.6526

Inverse Universe

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



50.1995, 11.6430, -80.6027



43.1482, 23.0315, -103.0099



32.3497, 60.2637, -152.4053



43.1551, -2.6160, -1.2748



30.7994, 17.3182, -75.8817



10.6467, 3.1874, -20.1881

Previews

White Background



This preview shows how the HunterLab color 70.6100, 17.9543, 41.3840 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 70.6100, 17.9543, 41.3840 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 70.6100, 17.9543, 41.3840 Background



This preview shows how black text looks on a background with the HunterLab color 70.6100, 17.9543, 41.3840.



This preview shows how white text looks on a background with the HunterLab color 70.6100, 17.9543,

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

70.6100, 17.9543, 41.3840

Protanopia

70.7684, -9.0466, 40.5248

Deuteranopia

70.6138, 5.3102, 41.5204



Tritanopia

70.5183, 32.0914, 11.1996

Trichromacy



Original Color

70.6100, 17.9543, 41.3840

Protanomaly

70.4461, 0.4276, 40.6817

Deuteranomaly

70.6483, 9.7326, 41.5344

Tritanomaly

70.2447, 25.3362, 26.7806

Monochromacy



Original Color

70.6100, 17.9543, 41.3840

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.2258, 0.8719, 22.7718

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.6100, 17.9543, 41.3840 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, 169, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 49)  
}
```

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, 169, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 70.6100, 17.9543, 41.3840 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, 169, 49) }
```


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

```
.border{ border-color:rgb(255, 169, 49) }
```

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

Here you see how a box with a 4 pixel rgb(255, 169, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.6100, 17.9543, 41.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 49) }
```

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

```
.background{ background-color: rgb(255,  
169, 49) }
```

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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