

Converting Colors

HunterLab(70.8671, 18.9952,
38.2019)

Have a look what the booklet for
HunterLab(70.8671, 18.9952,
38.2019) contains.

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Color

**HunterLab(70.8320, 19.1008,
38.1037)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA94D
RGB	255, 169, 77
RGB Percent	100%, 66%, 30%
CMY	0.0000, 0.3372, 0.6980
CMYK	0.00, 0.34, 0.70, 0.00
HSL	31°, 100%, 65%
HSV	31°, 70%, 100%
XYZ	56.7675, 50.1717, 13.7133
YIQ	184.2260, 80.7880, -10.3800

Conversions

Conversions Part 2

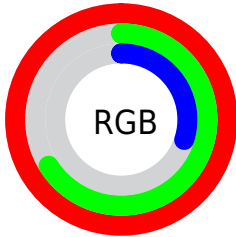
Format	Color
R_{YB}	243, 255, 77
Decimal	16755021
CIE _{Lab}	76.18, 23.76, 58.67
CIE _{LCh}	76, 63.301, 67.949
Yxy	50.1743, 0.4705, 0.4158
Android (android.graphics.Color)	4294945101 (0xFFFFA94D)
YUV	184.2260, -52.8624, 62.0688
Hunter-Lab	70.8320, 19.1008, 38.1037

Details

The HunterLab color **70.8320, 19.1008, 38.1037** 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 **59.1526, -0.2938, -58.3824**, and the grayscale version is **69.5201, -3.7094, 3.7772**.

A 20% lighter version of the original color is **87.2829, -5.6532, 39.3384**, and **49.1062, 17.6210, 29.7109** is the 20% darker color. If you saturate the color by 10%, you get **67.4624, 24.4305, 39.1938**, and if you desaturate by 10%, it is **74.4378, 14.2200, 36.0004**.

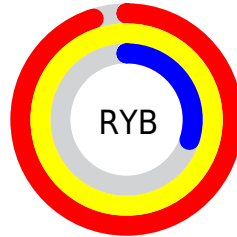
Distribution



Red (100%)

Green (66%)

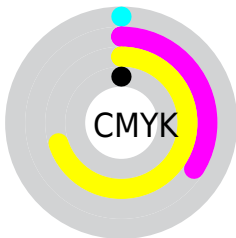
Blue (30%)



Red (95%)

Yellow (100%)

Blue (30%)

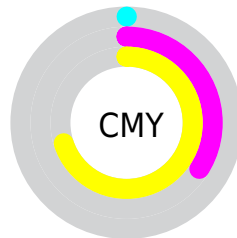


Cyan (0%)

Magenta (34%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8320, 19.1008, 38.1037 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 70.8320, 19.1008, 38.1037 by changing the saturation by 10% instead.


 70.8320, 19.1008,
38.1037


 70.8320, 19.1008,
38.1037

196.8113, 20.7313,
69.4402


 59.6254, 18.5733,
33.9959


 95.0963, 19.8986,
45.8114


 49.0798, 17.9556,
29.6780


 108.0917, 20.1910,
49.4583


 39.2417, 17.2321,
25.1189


 121.6305, 20.4189,
52.9931

 30.1662, 16.3880,
20.6077

 135.6916, 20.5868,
56.4310

 21.9236, 15.4060,
15.3466

 150.2563, 20.6987,
59.7848

 14.6088, 14.2685,
10.2261

165.3078, 20.7582,

 8.2688, 13.4361,

63.0652

5.7882

180.8308, 20.7682,
66.2811

0.0000, INF, NaN

0.0000, NaN, NaN

70.8320, 19.1008,
38.1037

70.8320, 19.1008,
38.1037

67.4624, 24.4305,
39.1938

74.4378, 14.2200,
36.0004

64.3372, 30.1699,
39.2717

78.2588, 9.8206,
32.9220

61.4629, 36.1988,
38.4929


82.2813, 5.8992,
28.9316

61.4084, 36.3179,
38.4754

86.4899, 2.4427,
24.1010

90.8701, -0.5705,

18.5039

 95.4087, -3.1671,
12.2118

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.



70.8338, 47.4406, 29.8995



70.8320, 19.1008, 38.1037



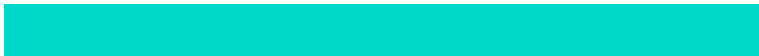
70.8338, -11.5535, 39.4314

Triad

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



70.8338, 19.0969, 38.1045



70.8338, -52.1674, -4.1251



70.8338, 35.1146, -54.1825

Complementary

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



70.8320, 19.1008, 38.1037



59.1526, -0.2938, -58.3824

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.



70.8338, 4.3370, -74.4159



70.8320, 19.1008, 38.1037



70.8338, -43.6260, -38.6499

Square

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



70.8338, 19.0969, 38.1045



70.8338, -49.5474, 21.4549



70.8338, -24.0838, -67.7865



70.8338, 57.7044, -19.8786

Rectangle

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



70.8320, 19.1008, 38.1037



70.8338, -28.7449, 37.1326



70.8338, -24.0838, -67.7865



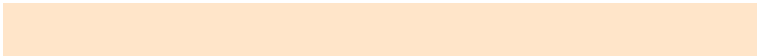
70.8338, 25.1990, -63.3877

Sweetspot

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



70.8338, 19.0969, 38.1045



90.3374, -0.2323, 19.2120



54.0495, 72.2163, -3.4582



41.2295, 0.2641, 9.6260

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8338, 19.0969, 38.1045



66.1203, 26.7943, 39.3473



96.3104, -25.3581, 54.5795



44.2043, -1.4983, 5.5583



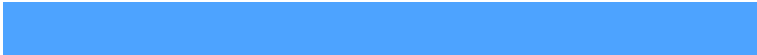
44.7270, 25.4783, 28.0066



14.7196, 6.2631, 9.1798

Inverse Universe

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



59.1526, -0.2938, -58.3824



52.6493, 6.0912, -73.9918



37.7256, 47.5826, -124.6065



43.3890, -3.0020, -0.9875



33.9050, 10.6497, -65.3681



11.5620, 1.4275, -17.5331

Previews

White Background



This preview shows how the HunterLab color 70.8320, 19.1008, 38.1037 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 70.8320, 19.1008, 38.1037 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 70.8320, 19.1008, 38.1037 Background



This preview shows how black text looks on a background with the HunterLab color 70.8320, 19.1008, 38.1037.



This preview shows how white text looks on a background with the HunterLab color 70.8320, 19.1008,

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

70.8320, 19.1008, 38.1037

Protanopia

70.8140, -8.3787, 36.6368

Deuteranopia

70.8710, 5.1522, 38.3407



Tritanopia

70.7939, 31.6892, 11.0669

Trichromacy



Original Color

70.8320, 19.1008, 38.1037

Protanomaly

70.5766, 1.3637, 36.9732

Deuteranomaly

70.7426, 10.4815, 38.1958

Tritanomaly

70.7144, 25.8932, 23.8670

Monochromacy



Original Color

70.8320, 19.1008, 38.1037

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

69.2721, 1.9687, 19.7917

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8320, 19.1008, 38.1037 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 77)  
}
```

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, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8320, 19.1008, 38.1037 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, 77) }
```


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

```
.border{ border-color:rgb(255, 169, 77) }
```

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, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8320, 19.1008, 38.1037 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, 77) }
```

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

```
.background{ background-color: rgb(255,  
169, 77) }
```

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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