

Converting Colors

HunterLab(69.9990, 20.6489,
37.8006)

Have a look what the booklet for
HunterLab(69.9990, 20.6489,
37.8006) contains.

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Color

**HunterLab(70.0289, 20.5633,
37.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA64B
RGB	255, 166, 75
RGB Percent	100%, 65%, 29%
CMY	0.0000, 0.3490, 0.7059
CMYK	0.00, 0.35, 0.71, 0.00
HSL	30°, 100%, 65%
HSV	30°, 71%, 100%
XYZ	56.1463, 49.0405, 13.1632
YIQ	182.2370, 82.2550, -9.4330

Conversions

Conversions Part 2

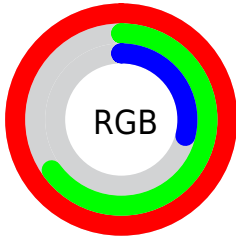
Format	Color
RYB	251, 255, 75
Decimal	16754251
CIELab	75.48, 25.23, 58.83
CIELCh	75, 64.009, 66.784
Yxy	49.0430, 0.4744, 0.4144
Android (android.graphics.Color)	4294944331 (0xFFFFA64B)
YUV	182.2370, -52.8678, 63.8132
Hunter-Lab	70.0289, 20.5633, 37.8756

Details

The HunterLab color **70.0289, 20.5633, 37.8756** 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 **59.3844, -1.0439, -57.8825**, and the grayscale version is **68.6856, -3.6649, 3.7318**.

A 20% lighter version of the original color is **86.3316, -4.2950, 39.0966**, and **48.3933, 19.0596, 29.3986** is the 20% darker color. If you saturate the color by 10%, you get **66.6329, 26.0725, 38.8800**, and if you desaturate by 10%, it is **73.6720, 15.4967, 35.8617**.

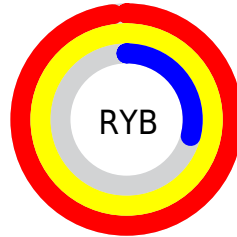
Distribution



Red (100%)

Green (65%)

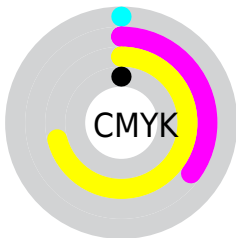
Blue (29%)



Red (98%)

Yellow (100%)

Blue (29%)

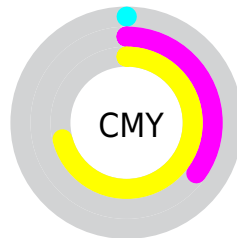


Cyan (0%)

Magenta (35%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.0289, 20.5633, 37.8756 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 70.0289, 20.5633, 37.8756 by changing the saturation by 10% instead.


 70.0289, 20.5633,
37.8756


 70.0289, 20.5633,
37.8756

195.6812, 22.7222,
69.3454


 58.8673, 19.9657,
33.7443

 94.2100, 21.4928,
45.6233


 48.3696, 19.2749,
29.4003


 107.1667, 21.8475,
49.2872


 38.5828, 18.4748,
24.8127


 120.6682, 22.1354,
52.8374

 29.5628, 17.5509,
20.3654

 134.6935, 22.3614,
56.2895

 21.3816, 16.4864,
14.9671

 149.2236, 22.5298,
59.6564

 14.1359, 15.2673,
9.8952

164.2416, 22.6440,

 7.7875, 14.8696,

62.9488

5.4513

179.7322, 22.7072,
66.1758

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.0289, 20.5633,
37.8756

■ 70.0289, 20.5633,
37.8756

■ 66.6329, 26.0725,
38.8800

■ 73.6720, 15.4967,
35.8617

■ 63.4936, 31.9786,
38.8772

■ 77.5402, 10.9097,
32.8773

■ 60.7788, 37.7796,
38.1130

■ 81.6182, 6.8012,
28.9874

■ 85.8896, 3.1590,
24.2659

■ 90.3389, -0.0382,

18.7881

■ 94.9519, -2.8171,
12.6266

99.7157, -5.2069,
5.8488

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.



70.0307, 48.8876, 29.4110



70.0289, 20.5633, 37.8756



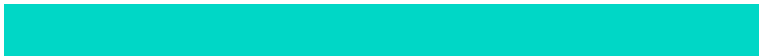
70.0307, -10.4456, 39.4017

Triad

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



70.0307, 20.5594, 37.8764



70.0307, -52.4335, -3.0071



70.0307, 34.3851, -56.1529

Complementary

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



70.0289, 20.5633, 37.8756



59.3844, -1.0439, -57.8825

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.



70.0307, 3.2269, -75.8313



70.0289, 20.5633, 37.8756



70.0307, -44.3183, -37.8067

Square

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



70.0307, 20.5594, 37.8764



70.0307, -49.3787, 22.2236



70.0307, -25.1210, -67.9871



70.0307, 57.7649, -21.5419

Rectangle

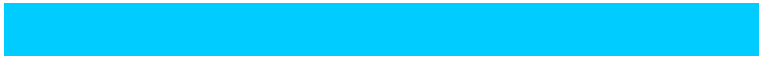
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0289, 20.5633, 37.8756



70.0307, -27.9542, 37.2971



70.0307, -25.1210, -67.9871



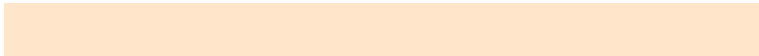
70.0307, 24.2883, -65.2776

Sweetspot

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



70.0307, 20.5594, 37.8764



90.1521, 0.0854, 19.0284



53.8601, 73.2670, -4.7157



41.1331, 0.4303, 9.5325

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0307, 20.5594, 37.8764



65.2151, 28.6355, 39.0001



96.5854, -24.3740, 55.0022



44.1645, -1.4314, 5.5155



44.2739, 26.5201, 27.7456



14.5848, 6.5533, 9.1018

Inverse Universe

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



59.3844, -1.0439, -57.8825



52.9285, 5.3364, -73.2710



37.0790, 48.0882, -127.5889



43.4294, -3.0683, -0.9381



34.4634, 9.5273, -63.6430



11.7244, 1.1312, -17.0963

Previews

White Background



This preview shows how the HunterLab color 70.0289, 20.5633, 37.8756 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 70.0289, 20.5633, 37.8756 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 70.0289, 20.5633, 37.8756 Background



This preview shows how black text looks on a background with the HunterLab color 70.0289, 20.5633, 37.8756.



This preview shows how white text looks on a background with the HunterLab color 70.0289, 20.5633,

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

70.0289, 20.5633, 37.8756

Protanopia

70.2852, -8.7462, 36.5895

Deuteranopia

70.0485, 5.2613, 38.0664



Tritanopia

69.9704, 32.8968, 11.4661

Trichromacy



Original Color

70.0289, 20.5633, 37.8756

Protanomaly

69.7510, 1.4684, 36.7182

Deuteranomaly

69.9238, 10.5853, 37.9273

Tritanomaly

69.8927, 27.1773, 24.0989

Monochromacy



Original Color

70.0289, 20.5633, 37.8756

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.2562, 2.8822, 19.5367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0289, 20.5633, 37.8756 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, 166, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 75)  
}
```

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, 166, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0289, 20.5633, 37.8756 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, 166, 75) }
```


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

```
.border{ border-color:rgb(255, 166, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0289, 20.5633, 37.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 75) }
```

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

```
.background{ background-color: rgb(255,  
166, 75) }
```

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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