

Converting Colors

HunterLab(69.9997, 20.7280,
37.6273)

Have a look what the booklet for
HunterLab(69.9997, 20.7280,
37.6273) contains.

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Color

**HunterLab(70.0487, 20.6652,
37.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA64D
RGB	255, 166, 77
RGB Percent	100%, 65%, 30%
CMY	0.0000, 0.3490, 0.6980
CMYK	0.00, 0.35, 0.70, 0.00
HSL	30°, 100%, 65%
HSV	30°, 70%, 100%
XYZ	56.2157, 49.0682, 13.5293
YIQ	182.4650, 81.6130, -8.8110

Conversions

Conversions Part 2

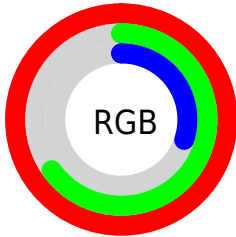
Format	Color
R_{YB}	255, 255, 77
Decimal	16754253
CIE Lab	75.50, 25.33, 57.95
CIE LCh	75, 63.242, 66.388
Yxy	49.0707, 0.4731, 0.4130
Android (android.graphics.Color)	4294944333 (0xFFFFA64D)
YUV	182.4650, -51.9942, 63.6132
Hunter-Lab	70.0487, 20.6652, 37.5827

Details

The HunterLab color **70.0487, 20.6652, 37.5827** 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 **60.0569, -1.8285, -56.4243**, and the grayscale version is **68.7777, -3.6698, 3.7368**.

A 20% lighter version of the original color is **86.3624, -4.1264, 38.6451**, and **48.4046, 19.1163, 29.2316** is the 20% darker color. If you saturate the color by 10%, you get **66.6111, 26.2120, 38.6646**, and if you desaturate by 10%, it is **73.7372, 15.5623, 35.4961**.

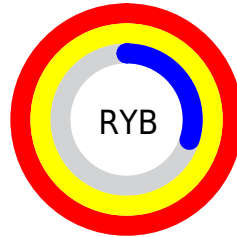
Distribution



Red (100%)

Green (65%)

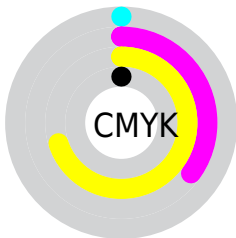
Blue (30%)



Red (100%)

Yellow (100%)

Blue (30%)

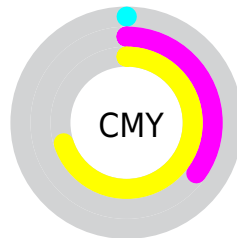


Cyan (0%)

Magenta (35%)

Yellow (70%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.0487, 20.6652, 37.5827 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 70.0487, 20.6652, 37.5827 by changing the saturation by 10% instead.


 70.0487, 20.6652,
37.5827


 70.0487, 20.6652,
37.5827


195.7091, 22.8560,
68.6466


 58.8860, 20.0635,
33.5079

 94.2319, 21.6025,
45.2252


 48.3871, 19.3685,
29.2229


 107.1895, 21.9609,
48.8403


 38.5990, 18.5640,
24.6958


 120.6920, 22.2525,
52.3440

 29.5777, 17.6356,
20.2487

 134.7181, 22.4820,
55.7516

 21.3950, 16.5666,
14.9765

 149.2491, 22.6538,
59.0758

 14.1476, 15.3432,
9.9033

164.2679, 22.7713,

 7.7998, 14.9289,

62.3272

5.4598

179.7593, 22.8378,
65.5149

0.0000, INF, NaN

0.0000, NaN, NaN

70.0487, 20.6652,
37.5827

70.0487, 20.6652,
37.5827

66.6111, 26.2120,
38.6646

73.7372, 15.5623,
35.4961

63.4348, 32.1578,
38.7376

77.6536, 10.9392,
32.4480

60.5283, 38.3728,
37.9549


81.7821, 6.7940,
28.5061

60.4734, 38.4953,
37.9373

86.1058, 3.1138,
23.7456

90.6088, -0.1234,

18.2427

 95.2766, -2.9449,
12.0699

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.



70.0505, 48.4820, 29.0136



70.0487, 20.6652, 37.5827



70.0505, -9.9902, 39.1893

Triad

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



70.0505, 20.6613, 37.5835



70.0505, -51.9869, -2.5125



70.0505, 33.5066, -55.6206

Complementary

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



70.0487, 20.6652, 37.5827



60.0569, -1.8285, -56.4243

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.



70.0505, 2.7343, -74.6316



70.0487, 20.6652, 37.5827



70.0505, -44.0818, -36.7355

Square

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



70.0505, 20.6613, 37.5835



70.0505, -48.8087, 22.2868



70.0505, -25.2025, -66.5696



70.0505, 56.7208, -21.6567

Rectangle

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



70.0487, 20.6652, 37.5827



70.0505, -27.3847, 37.1318



70.0505, -25.2025, -66.5696



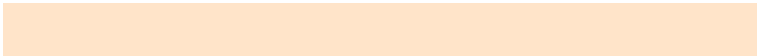
70.0505, 23.5239, -64.4997

Sweetspot

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



70.0505, 20.6613, 37.5835



90.0611, 0.2416, 18.9382



54.1490, 72.6228, -4.8642



41.0858, 0.5120, 9.4866

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0505, 20.6613, 37.5835



65.2453, 28.6642, 38.8159



96.5998, -24.2923, 54.7894



44.1450, -1.3986, 5.4944



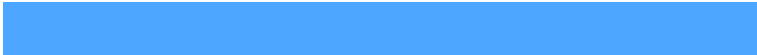
44.0540, 27.0306, 27.6191



14.5191, 6.6957, 9.0638

Inverse Universe

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



60.0569, -1.8285, -56.4243



53.6967, 4.1935, -71.3014



37.5578, 47.2194, -125.3801



43.4492, -3.1009, -0.9138



34.7403, 8.9785, -62.8043



11.8047, 0.9862, -16.8838

Previews

White Background



This preview shows how the HunterLab color 70.0487, 20.6652, 37.5827 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 70.0487, 20.6652, 37.5827 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 70.0487, 20.6652, 37.5827 Background



This preview shows how black text looks on a background with the HunterLab color 70.0487, 20.6652, 37.5827.



This preview shows how white text looks on a background with the HunterLab color 70.0487, 20.6652,

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

70.0487, 20.6652, 37.5827

Protanopia

70.3069, -8.6260, 36.2705

Deuteranopia

70.0675, 5.3626, 37.7871



Tritanopia

69.9704, 32.8968, 11.4661

Trichromacy



Original Color

70.0487, 20.6652, 37.5827

Protanomaly

69.7722, 1.5829, 36.4059

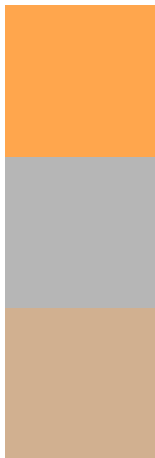
Deuteranomaly

69.9431, 10.6870, 37.6430

Tritanomaly

69.9130, 27.2792, 23.8043

Monochromacy



Original Color

70.0487, 20.6652, 37.5827

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.2785, 3.0022, 19.2135

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0487, 20.6652, 37.5827 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, 77)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 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, 166, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0487, 20.6652, 37.5827 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, 77) }
```


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

```
.border{ border-color:rgb(255, 166, 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, 166, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 77);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
77) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0487, 20.6652, 37.5827 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, 77) }
```

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

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