

# Converting Colors

HunterLab(80.0598, 44.0331,  
42.7623)

Have a look what the booklet for  
HunterLab(80.0598, 44.0331,  
42.7623) contains.

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# Color

**HunterLab(71.5130, 18.8523,  
36.1902)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAB5B
RGB	255, 171, 91
RGB Percent	100%, 67%, 36%
CMY	0.0000, 0.3294, 0.6431
CMYK	0.00, 0.33, 0.64, 0.00
HSL	29°, 100%, 68%
HSV	29°, 64%, 100%
XYZ	57.6912, 51.1411, 16.7281
YIQ	186.9960, 75.7440, -7.0720

# Conversions

## Conversions Part 2

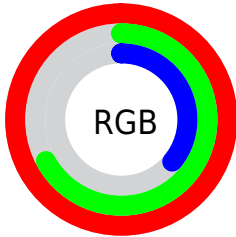
Format	Color
<a href="#">RYB</a>	<a href="#">255, 247, 91</a>
Decimal	<a href="#">16755547</a>
CIELab	<a href="#">76.77, 23.49, 52.82</a>
CIElCh	<a href="#">77, 57.811, 66.022</a>
Yxy	<a href="#">51.1437, 0.4595, 0.4073</a>
Android (android.graphics.Color)	<a href="#">4294945627</a> ( <a href="#">0xFFFFAB5B</a> )
YUV	<a href="#">186.9960, -47.3260, 59.6395</a>
Hunter-Lab	<a href="#">71.5130, 18.8523, 36.1902</a>

# Details

The HunterLab color **71.5130, 18.8523, 36.1902** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **63.3262, -4.5729, -49.6360**, and the grayscale version is **70.6636, -3.7704, 3.8393**.

A 20% lighter version of the original color is **88.4374, -5.9241, 36.7017**, and **49.8158, 17.5518, 28.6143** is the 20% darker color. If you saturate the color by 10%, you get **67.8845, 24.3144, 37.8209**, and if you desaturate by 10%, it is **75.3932, 13.8481, 33.5847**.

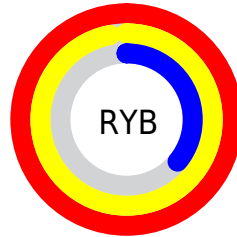
# Distribution



Red (100%)

Green (67%)

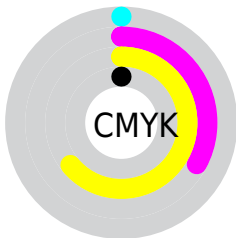
Blue (36%)



Red (100%)

Yellow (97%)

Blue (36%)

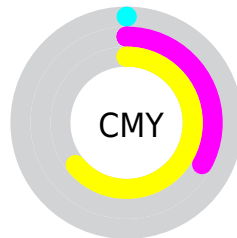


Cyan (0%)

Magenta (33%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.5130, 18.8523, 36.1902 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 71.5130, 18.8523, 36.1902 by changing the saturation by 10% instead.





 71.5130, 18.8523,  
36.1902


 71.5130, 18.8523,  
36.1902


197.7680, 20.3606,  
64.8087


 60.2685, 18.3419,  
32.4668

 95.8473, 19.6188,  
43.1887


 49.6827, 17.7423,  
28.5534


 108.8754, 19.8966,  
46.5079

 39.8015, 17.0381,  
24.4147

 122.4456, 20.1105,  
49.7310

 30.6792, 16.2148,  
20.0476

 136.5369, 20.2650,  
52.8715

 22.3852, 15.2550,  
15.6696

151.1308, 20.3641,  
55.9408

 15.0123, 14.1404,  
10.5086

166.2105, 20.4111,

 8.6547, 13.0683,

58.9483

6.0583

181.7608, 20.4090,  
61.9021

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.5130, 18.8523,  
36.1902

■ 71.5130, 18.8523,  
36.1902

■ 67.8845, 24.3144,  
37.8209

■ 75.3932, 13.8481,  
33.5847

■ 64.5208, 30.2047,  
38.4413

■ 79.5004, 9.3261,  
30.0650

■ 61.4399, 36.4376,  
38.0785

■ 83.8177, 5.2763,  
25.7071

■ 59.8126, 40.0601,  
37.5576

■ 88.3276, 1.6803,  
20.5897

■ 93.0139, -1.4877,

14.7883

97.8621, -4.2569,  
8.3732

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.



71.5148, 43.9158, 27.5192



71.5130, 18.8523, 36.1902



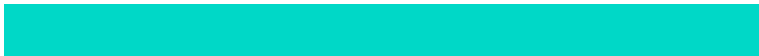
71.5148, -9.2572, 37.9271

# Triad

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



71.5148, 18.8485, 36.1910



71.5148, -48.9916, -1.5608



71.5148, 29.8358, -49.5878

# Complementary

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



71.5130, 18.8523, 36.1902



63.3262, -4.5729, -49.6360

# 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.



71.5148, 1.7854, -65.9337



71.5130, 18.8523, 36.1902



71.5148, -41.6005, -32.2503

# Square

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



71.5148, 18.8485, 36.1910



71.5148, -45.8322, 21.3954



71.5148, -23.9746, -58.6190



71.5148, 50.8973, -19.5869



# Rectangle

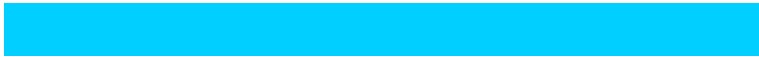
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5130, 18.8523, 36.1902



71.5148, -25.4742, 35.8498



71.5148, -23.9746, -58.6190



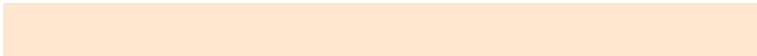
71.5148, 20.7638, -57.2892

# Sweetspot

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



71.5148, 18.8485, 36.1910



90.7966, -0.0543, 17.5881



56.4504, 68.1411, -7.0183



41.3889, 0.4001, 8.8955

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.5148, 18.8485, 36.1910



66.9538, 25.8582, 38.0873



95.8140, -22.3204, 52.5244



44.1022, -1.3264, 5.4483



43.5778, 28.1470, 27.3452

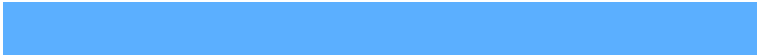


14.3765, 7.0080, 8.9814



# Inverse Universe

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



63.3262, -4.5729, -49.6360



57.4530, -0.2908, -62.2356



41.7165, 39.7178, -108.0605



43.4927, -3.1725, -0.8606



35.3534, 7.7804, -60.9842



11.9821, 0.6696, -16.4220



# Previews

## White Background



This preview shows how the HunterLab color 71.5130, 18.8523, 36.1902 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 71.5130, 18.8523, 36.1902 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 71.5130, 18.8523, 36.1902 Background



This preview shows how black text looks on a background with the HunterLab color 71.5130, 18.8523, 36.1902.



This preview shows how white text looks on a background with the HunterLab color 71.5130, 18.8523,



# 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

71.5130, 18.8523, 36.1902

### Protanopia

71.6879, -8.0537, 34.6794

### Deuteranopia

71.7155, 5.3893, 36.4715



## Tritanopia

71.5999, 30.3470, 11.0662

# Trichromacy



## Original Color

71.5130, 18.8523, 36.1902

## Protanomaly

71.3176, 1.2475, 34.9668

## Deuteranomaly

71.4561, 10.3094, 36.1854

## Tritanomaly

71.3520, 25.4670, 22.4875

# Monochromacy



## Original Color

71.5130, 18.8523, 36.1902

## Achromatopsia

70.4935, -3.7614, 3.8300

## Achromatomaly

70.2224, 2.5365, 18.2340

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.5130, 18.8523, 36.1902 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, 171, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 91)  
}
```

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, 171, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.5130, 18.8523, 36.1902 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, 171, 91) }
```



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

```
.border{ border-color:rgb(255, 171, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.5130, 18.8523, 36.1902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 91) }
```

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

```
.background{ background-color: rgb(255,  
171, 91) }
```

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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