

Converting Colors

HunterLab(69.9033, 20.0974,
39.3434)

Have a look what the booklet for
HunterLab(69.9033, 20.0974,
39.3434) contains.

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Color

**HunterLab(69.9304, 20.0576,
39.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA640
RGB	255, 166, 64
RGB Percent	100%, 65%, 25%
CMY	0.0000, 0.3490, 0.7490
CMYK	0.00, 0.35, 0.75, 0.00
HSL	32°, 100%, 63%
HSV	32°, 75%, 100%
XYZ	55.8016, 48.9026, 11.3485
YIQ	180.9830, 85.7860, -12.8540

Conversions

Conversions Part 2

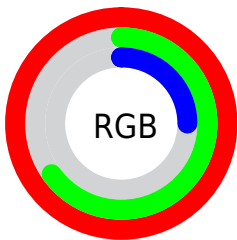
Format	Color
RYB	231, 255, 64
Decimal	16754240
CIELab	75.39, 24.74, 63.45
CIELCh	75, 68.102, 68.697
Yxy	48.9051, 0.4808, 0.4214
Android (android.graphics.Color)	4294944320 (0xFFFFA640)
YUV	180.9830, -57.6726, 64.9129
Hunter-Lab	69.9304, 20.0576, 39.3295

Details

The HunterLab color **69.9304, 20.0576, 39.3295** 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 **55.7592, 3.4368, -66.1791**, and the grayscale version is **68.1789, -3.6379, 3.7043**.

A 20% lighter version of the original color is **86.1864, -5.0907, 41.2278**, and **48.3447, 18.8150, 30.1192** is the 20% darker color. If you saturate the color by 10%, you get **66.7502, 25.3829, 39.9087**, and if you desaturate by 10%, it is **73.3390, 15.1654, 37.7261**.

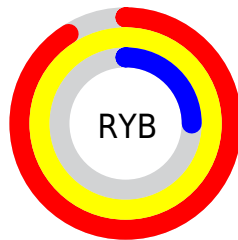
Distribution



Red (100%)

Green (65%)

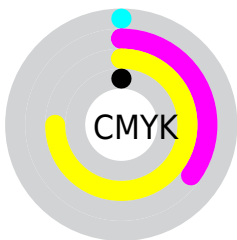
Blue (25%)



Red (91%)

Yellow (100%)

Blue (25%)

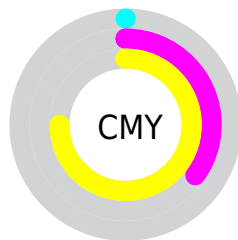


Cyan (0%)

Magenta (35%)

Yellow (75%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.9304, 20.0576, 39.3295 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 69.9304, 20.0576, 39.3295 by changing the saturation by 10% instead.


 69.9304, 20.0576,
39.3295


 69.9304, 20.0576,
39.3295


195.5425, 22.0576,
72.9416


 58.7743, 19.4805,
34.9025


 94.1013, 20.9481,
47.6298


 48.2825, 18.8108,
30.2520


 107.0532, 21.2842,
51.5512


 38.5020, 18.0325,
25.3538


 120.5501, 21.5541,
55.3473

 29.4890, 17.1310,
20.6423

 134.5710, 21.7626,
59.0346

 21.3153, 16.0891,
14.9207

 149.0969, 21.9138,
62.6268

 14.0782, 14.8918,
9.8547

164.1108, 22.0114,

 7.7263, 14.5780,

66.1357

5.4084

179.5973, 22.0584,
69.5712

0.0000, INF, NaN

0.0000, NaN, NaN

■ 69.9304, 20.0576,
39.3295

■ 69.9304, 20.0576,
39.3295

■ 66.7502, 25.3829,
39.9087

■ 73.3390, 15.1654,
37.7261

■ 63.8026, 31.0886,
39.5052

■ 76.9578, 10.7490,
35.1126

■ 62.3864, 34.0845,
39.0389

■ 80.7748, 6.8127,
31.5377

■ 84.7762, 3.3490,
27.0656

■ 88.9484, 0.3403,

21.7667

93.2787, -2.2370,
15.7118

97.7555, -4.4099,
8.9692

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.



69.9322, 51.0609, 31.4049



69.9304, 20.0576, 39.3295



69.9322, -12.7984, 40.4691

Triad

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



69.9322, 20.0536, 39.3302



69.9322, -54.7589, -5.6353



69.9322, 39.0435, -59.0208

Complementary

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



69.9304, 20.0576, 39.3295



55.7592, 3.4368, -66.1791

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.



69.9322, 5.8145, -82.2962



69.9304, 20.0576, 39.3295



69.9322, -45.5717, -43.5689

Square

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



69.9322, 20.0536, 39.3302



69.9322, -52.3264, 21.9083



69.9322, -24.7158, -75.6359



69.9322, 63.3235, -20.9733

Rectangle

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



69.9304, 20.0576, 39.3295



69.9322, -30.8972, 38.1465



69.9322, -24.7158, -75.6359



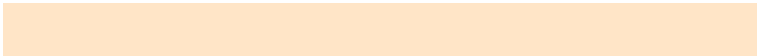
69.9322, 28.3324, -69.4643

Sweetspot

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



69.9322, 20.0536, 39.3302



90.1890, -0.4505, 20.0851



52.1837, 75.7213, -0.8263



41.1889, 0.1331, 10.0205

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.9322, 20.0536, 39.3302



65.2176, 28.2512, 39.8193



95.8968, -27.0597, 55.6183



44.2647, -1.5998, 5.6233



45.4302, 23.8872, 28.4121



14.9276, 5.8214, 9.3003

Inverse Universe

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



55.7592, 3.4368, -66.1791



49.0440, 11.6171, -83.9487



34.9327, 53.5115, -138.1108



43.3278, -2.9011, -1.0626



33.0692, 12.3705, -68.0379



11.3178, 1.8816, -18.2081

Previews

White Background



This preview shows how the HunterLab color 69.9304, 20.0576, 39.3295 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 69.9304, 20.0576, 39.3295 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 69.9304, 20.0576, 39.3295 Background



This preview shows how black text looks on a background with the HunterLab color 69.9304, 20.0576, 39.3295.



This preview shows how white text looks on a background with the HunterLab color 69.9304, 20.0576,

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

69.9304, 20.0576, 39.3295

Protanopia

69.9785, -8.5015, 38.0623

Deuteranopia

70.0672, 5.1218, 39.6473



Tritanopia

69.9434, 32.7633, 11.8536

Trichromacy



Original Color

69.9304, 20.0576, 39.3295

Protanomaly

69.7604, 1.2895, 38.3606

Deuteranomaly

69.9463, 10.4528, 39.5413

Tritanomaly

69.8136, 26.7784, 25.2516

Monochromacy



Original Color

69.9304, 20.0576, 39.3295

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.0408, 1.9346, 21.0080

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.9304, 20.0576, 39.3295 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, 64)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 64)  
}
```

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, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 69.9304, 20.0576, 39.3295 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, 64) }
```


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

```
.border{ border-color:rgb(255, 166, 64) }
```

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, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 64);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.9304, 20.0576, 39.3295 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, 64) }
```

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

```
.background{ background-color: rgb(255,  
166, 64) }
```

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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