

Converting Colors

HunterLab(70.2578, 20.9500,
30.2249)

Have a look what the booklet for
HunterLab(70.2578, 20.9500,
30.2249) contains.

| | |
|---|----|
| HunterLab(70.2578, 20.9500, 30.2249) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(70.2578, 20.9500,
30.2249)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FBA772 |
| RGB | 251, 167, 114 |
| RGB Percent | 98%, 65%, 45% |
| CMY | 0.0157, 0.3451, 0.5529 |
| CMYK | 0.00, 0.33, 0.55, 0.02 |
| HSL | 23°, 94%, 72% |
| HSV | 23°, 55%, 98% |
| XYZ | 56.6397, 49.3616, 22.4621 |
| YIQ | 186.0740, 67.0770, 1.3250 |

Conversions

Conversions Part 2

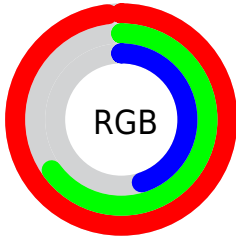
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 200, 114 |
| Decimal | 16492402 |
| CIE Lab | 75.68, 25.60, 39.89 |
| CIE LCh | 76, 47.395, 57.309 |
| Yxy | 49.3641, 0.4409, 0.3843 |
| Android (android.graphics.Color) | 4294682482 (0xFFFB772) |
| YUV | 186.0740, -35.5325, 56.9401 |
| Hunter-Lab | 70.2578, 20.9500, 30.2249 |

Details

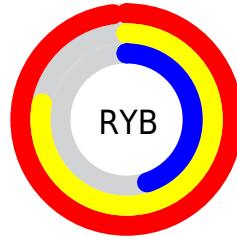
The HunterLab color **70.2578, 20.9500, 30.2249** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71.3639, -13.4682, -32.0869**, and the grayscale version is **70.2302, -3.7473, 3.8157**.

A 20% lighter version of the original color is **87.3456, -0.9407, 28.9892**, and **48.7027, 19.4849, 24.2633** is the 20% darker color. If you saturate the color by 10%, you get **66.0011, 27.1574, 32.6743**, and if you desaturate by 10%, it is **74.8294, 15.1804, 26.9907**.

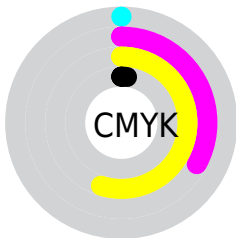
Distribution



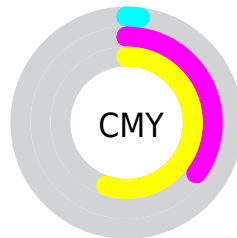
- Red (98%)
- Green (65%)
- Blue (45%)



- Red (98%)
- Yellow (78%)
- Blue (45%)



- Cyan (0%)
- Magenta (33%)
- Yellow (55%)
- Black (2%)




- Cyan (2%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2578, 20.9500, 30.2249 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 70.2578, 20.9500, 30.2249 by changing the saturation by 10% instead.


 70.2578, 20.9500,
30.2249


 70.2578, 20.9500,
30.2249


196.0035, 23.2202,
53.1130


 59.0833, 20.3387,
27.3134


 94.4626, 21.9067,
35.7315

 48.5719, 19.6335,
24.2605


 107.4304, 22.2743,
38.3619

 38.7704, 18.8188,
21.0314


 120.9426, 22.5748,
40.9288

 29.7346, 17.8800,
17.5799

134.9781, 22.8131,
43.4426

 21.5358, 16.8007,
14.2313

149.5181, 22.9934,
45.9117

 14.2703, 15.5677,
9.9892

164.5456, 23.1193,

 7.9278, 15.0023,

48.3428

5.5495

180.0454, 23.1940,
50.7416

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.2578, 20.9500,
30.2249

■ 70.2578, 20.9500,
30.2249

■ 66.0011, 27.1574,
32.6743

■ 74.8294, 15.1804,
26.9907

■ 62.0887, 33.7676,
34.2463

■ 79.6783, 9.8702,
23.0643

■ 58.5575, 40.6807,
34.8777

■ 84.7773, 5.0042,
18.5367

■ 55.4394, 47.7331,
34.5679

■ 90.1005, 0.5575,
13.4885

■ 53.9254, 51.5036,

■ 95.6254, -3.5015,

34.1302

7.9895

99.6239, -6.6466,
4.9667

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2596, 38.5636, 20.0861



70.2578, 20.9500, 30.2249



70.2596, -1.7273, 33.5919

Triad

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



70.2596, 20.9464, 30.2258



70.2596, -41.6681, 5.7134



70.2596, 17.0275, -42.9458

Complementary

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



70.2578, 20.9500, 30.2249



71.3639, -13.4682, -32.0869

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.



70.2596, -5.7553, -50.3571



70.2578, 20.9500, 30.2249



70.2596, -37.9459, -17.5874

Square

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



70.2596, 20.9464, 30.2258



70.2596, -36.3281, 22.4852



70.2596, -25.4502, -39.9071



70.2596, 36.1100, -21.9743

Rectangle

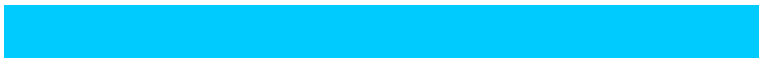
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.2578, 20.9500, 30.2249



70.2596, -16.0634, 32.6905



70.2596, -25.4502, -39.9071



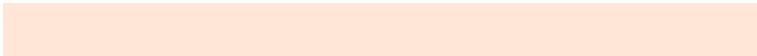
70.2596, 9.4689, -47.3439

Sweetspot

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



70.2596, 20.9464, 30.2258



90.9456, 1.1910, 14.4991



60.5341, 59.3428, -14.2754



41.5537, 0.9726, 7.2098

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2596, 20.9464, 30.2258



67.0018, 27.9598, 33.3635



90.0834, -13.9202, 44.7872



42.8093, -0.7162, 4.9512



39.4294, 36.4572, 24.9344



12.8006, 9.0700, 8.0465

Inverse Universe

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



71.3639, -13.4682, -32.0869



68.2359, -12.6924, -40.3800



51.4818, 22.0126, -73.0006



42.9125, -3.6802, -0.4056



40.1008, -1.7932, -46.2515



13.0188, -1.8654, -12.2455

Previews

White Background



This preview shows how the HunterLab color 70.2578, 20.9500, 30.2249 looks on a white background.

Color Contrast Check

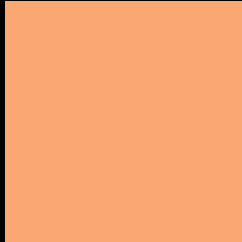
Large Text (above 18pt) WCAG AA × Fail

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 70.2578, 20.9500, 30.2249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

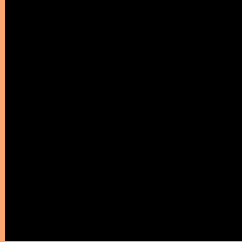
Any Text WCAG AA ✓ Pass

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 70.2578, 20.9500, 30.2249 Background



This preview shows how black text looks on a background with the HunterLab color 70.2578, 20.9500, 30.2249.



This preview shows how white text looks on a background with the HunterLab color 70.2578, 20.9500,

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

70.2578, 20.9500, 30.2249

Protanopia

70.4573, -6.9851, 27.7991

Deuteranopia

70.2435, 5.4623, 30.4405



Tritanopia

70.2710, 32.6291, 10.9412

Trichromacy



Original Color

70.2578, 20.9500, 30.2249

Protanomaly

70.1356, 2.3941, 28.5053

Deuteranomaly

70.2120, 11.1306, 30.2666

Tritanomaly

70.3559, 27.9770, 19.1696

Monochromacy



Original Color

70.2578, 20.9500, 30.2249

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

69.6275, 3.8821, 14.6521

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2578, 20.9500, 30.2249 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(251, 167, 114)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 114)  
}
```

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(251, 167, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2578, 20.9500, 30.2249 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(251, 167, 114) }
```


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

```
.border{ border-color:rgb(251, 167, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 167, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 167, 114);  
box-shadow:4px 4px 4px 4px rgb(251, 167,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2578, 20.9500, 30.2249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 114) }
```

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

```
.background{ background-color: rgb(251,  
167, 114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor