

Converting Colors

HunterLab(70.2259, 22.1886,
33.3498)

Have a look what the booklet for
HunterLab(70.2259, 22.1886,
33.3498) contains.

HunterLab(70.3364, 22.1378, 33.3502)	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(70.3364, 22.1378,
33.3502)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA665
RGB	255, 166, 101
RGB Percent	100%, 65%, 40%
CMY	0.0000, 0.3490, 0.6039
CMYK	0.00, 0.35, 0.60, 0.00
HSL	25°, 100%, 70%
HSV	25°, 60%, 100%
XYZ	57.2253, 49.4721, 18.8449
YIQ	185.2010, 73.9090, -1.3470

Conversions

Conversions Part 2

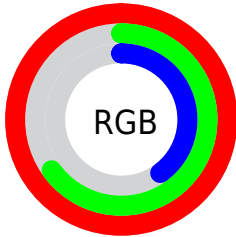
Format	Color
R _Y B	255, 213, 101
Decimal	16754277
CIE Lab	75.75, 26.75, 46.72
CIE LCh	76, 53.838, 60.209
Yxy	49.4746, 0.4558, 0.3941
Android (android.graphics.Color)	4294944357 (0xFFFFA665)
YUV	185.2010, -41.5111, 61.2137
Hunter-Lab	70.3364, 22.1378, 33.3502

Details

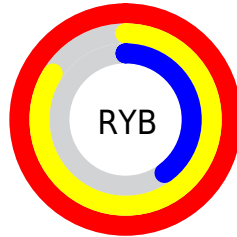
The HunterLab color **70.3364, 22.1378, 33.3502** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **68.4188, -10.6032, -40.0107**, and the grayscale version is **69.8856, -3.7289, 3.7970**.

A 20% lighter version of the original color is **86.7599, -1.9559, 32.8318**, and **48.7268, 20.4615, 26.5725** is the 20% darker color. If you saturate the color by 10%, you get **66.3291, 28.2693, 35.3355**, and if you desaturate by 10%, it is **74.6476, 16.4514, 30.4726**.

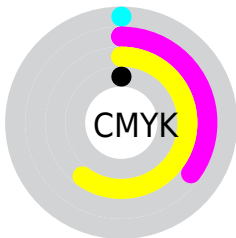
Distribution



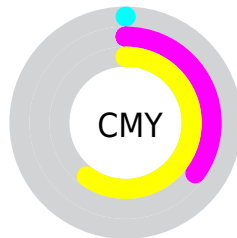
- Red (100%)
- Green (65%)
- Blue (40%)



- Red (100%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (60%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.3364, 22.1378, 33.3502 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 70.3364, 22.1378, 33.3502 by changing the saturation by 10% instead.


 70.3364, 22.1378,
33.3502


 70.3364, 22.1378,
33.3502


196.1142, 24.7855,
59.2832

 59.1575, 21.4776,
30.0015


 94.5494, 23.1870,
39.6550

 48.6414, 20.7221,
26.4822


 107.5210, 23.5988,
42.6522

 38.8349, 19.8553,
22.7554


 121.0368, 23.9422,
45.5677

 29.7936, 18.8633,
18.7773

 135.0758, 24.2222,
48.4140

 21.5889, 17.7303,
15.1122

149.6192, 24.4431,
51.2010

 14.3166, 16.4460,
10.0216

164.6500, 24.6085,

 7.9754, 15.8048,

53.9370

5.5828

180.1530, 24.7217,
56.6292

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.3364, 22.1378,
33.3502

■ 70.3364, 22.1378,
33.3502

■ 66.3291, 28.2693,
35.3355

■ 74.6476, 16.4514,
30.4726

■ 62.6496, 34.8035,
36.3577

■ 79.2289, 11.2394,
26.7867

■ 59.3277, 41.6323,
36.3951

■ 84.0558, 6.4921,
22.3835

■ 56.4883, 48.2869,
35.6532

■ 89.1043, 2.1887,
17.3482

■ 94.3532, -1.6998,

11.7578

99.7838, -5.2059,
5.6801

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



70.3382, 43.5140, 23.3903



70.3364, 22.1378, 33.3502



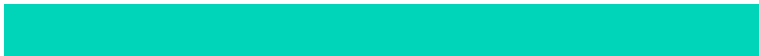
70.3382, -3.9344, 36.2031

Triad

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



70.3382, 22.1340, 33.3511



70.3382, -46.1619, 3.6595



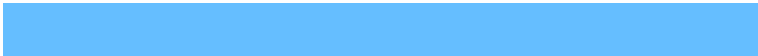
70.3382, 22.4849, -49.1807

Complementary

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



70.3364, 22.1378, 33.3502



68.4188, -10.6032, -40.0107

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.



70.3382, -3.5791, -60.1064



70.3364, 22.1378, 33.3502



70.3382, -41.1163, -23.7230

Square

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



70.3382, 22.1340, 33.3511



70.3382, -41.2545, 23.1887



70.3382, -26.3717, -49.4639



70.3382, 43.7359, -23.3222

Rectangle

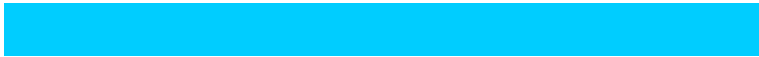
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.3364, 22.1378, 33.3502



70.3382, -19.8142, 34.9214



70.3382, -26.3717, -49.4639



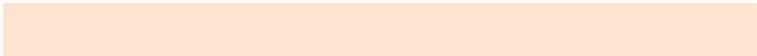
70.3382, 13.8842, -55.0590

Sweetspot

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



70.3382, 22.1340, 33.3511



90.3422, 1.2223, 16.0592



58.5849, 65.9049, -12.5330



41.1003, 1.1110, 8.1535

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3382, 22.1340, 33.3511



65.7143, 29.2956, 35.5663



92.6299, -16.8228, 48.9027



43.8717, -0.9372, 5.1991



41.1748, 34.0311, 25.9675



13.6432, 8.6760, 8.5588

Inverse Universe

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



68.4188, -10.6032, -40.0107



63.4165, -8.2447, -49.5189



46.8874, 29.9326, -90.2171



43.7280, -3.5577, -0.5739



38.7775, 1.4802, -51.6639



12.9635, -1.0005, -14.0435

Previews

White Background



This preview shows how the HunterLab color 70.3364, 22.1378, 33.3502 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 70.3364, 22.1378, 33.3502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

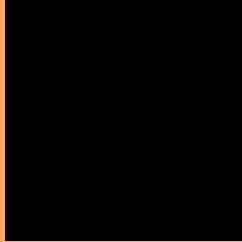
Any Text WCAG AA ✓ Pass

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 70.3364, 22.1378, 33.3502 Background



This preview shows how black text looks on a background with the HunterLab color 70.3364, 22.1378, 33.3502.



This preview shows how white text looks on a background with the HunterLab color 70.3364, 22.1378,

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

70.3364, 22.1378, 33.3502

Protanopia

70.4290, -7.5425, 31.3225

Deuteranopia

70.2714, 5.1456, 33.6414



Tritanopia

70.2438, 32.4939, 11.3327

Trichromacy



Original Color

70.3364, 22.1378, 33.3502

Protanomaly

69.9629, 2.8397, 31.8347

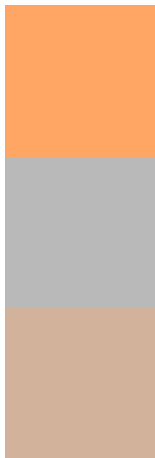
Deuteranomaly

70.2496, 10.8387, 33.5145

Tritanomaly

70.1256, 28.3482, 20.7152

Monochromacy



Original Color

70.3364, 22.1378, 33.3502

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.1921, 3.5980, 16.5022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3364, 22.1378, 33.3502 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3364, 22.1378, 33.3502 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, 101) }
```


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

```
.border{ border-color:rgb(255, 166, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.3364, 22.1378, 33.3502 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, 101) }
```

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

```
.background{ background-color: rgb(255,  
166, 101) }
```

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