

Converting Colors

HunterLab(80.7165, 57.1996,
37.0991)

Have a look what the booklet for
HunterLab(80.7165, 57.1996,
37.0991) contains.

| | |
|---|----|
| HunterLab(69.6461, 25.9332, 27.6951) | 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(69.6461, 25.9332,
27.6951)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFA27A |
| RGB | 255, 162, 122 |
| RGB Percent | 100%, 64%, 48% |
| CMY | 0.0000, 0.3647, 0.5216 |
| CMYK | 0.00, 0.36, 0.52, 0.00 |
| HSL | 18°, 100%, 74% |
| HSV | 18°, 52%, 100% |
| XYZ | 57.6732, 48.5058, 24.7352 |
| YIQ | 185.2470, 68.2680, 7.2760 |

Conversions

Conversions Part 2

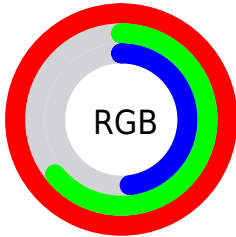
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 179, 122 |
| Decimal | 16753274 |
| CIE _{Lab} | 75.14, 30.44, 35.11 |
| CIE _{LCh} | 75, 46.468, 49.075 |
| Yxy | 48.5082, 0.4405, 0.3705 |
| Android (android.graphics.Color) | 4294943354 (0xFFFFA27A) |
| YUV | 185.2470, -31.1808, 61.1734 |
| Hunter-Lab | 69.6461, 25.9332, 27.6951 |

Details

The HunterLab color **69.6461, 25.9332, 27.6951** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77.4309, -19.3754, -25.0688**, and the grayscale version is **69.8645, -3.7278, 3.7959**.

A 20% lighter version of the original color is **86.0121, 2.6158, 25.0889**, and **47.9659, 24.5161, 22.4072** is the 20% darker color. If you saturate the color by 10%, you get **64.8953, 33.2442, 30.3487**, and if you desaturate by 10%, it is **74.8057, 19.0236, 24.3857**.

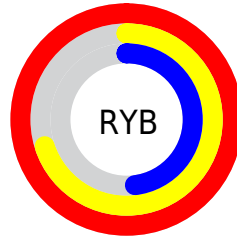
Distribution



Red (100%)

Green (64%)

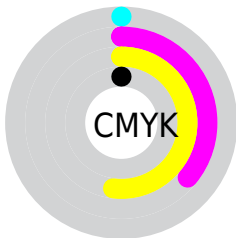
Blue (48%)



Red (100%)

Yellow (70%)

Blue (48%)

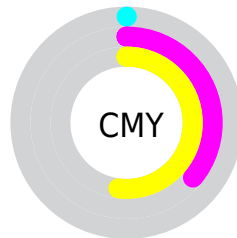


Cyan (0%)

Magenta (36%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.6461, 25.9332, 27.6951 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 69.6461, 25.9332, 27.6951 by changing the saturation by 10% instead.


 69.6461, 25.9332,
27.6951

 69.6461, 25.9332,
27.6951


195.1418, 29.8276,
48.5107


 58.5060, 25.1118,
25.0810


 93.7873, 27.2892,
32.6594

 48.0312, 24.1895,
22.3462


 106.7254, 27.8470,
35.0405

 38.2690, 23.1507,
19.4586


 120.2091, 28.3321,
37.3704

 29.2759, 21.9828,
16.3731

134.2172, 28.7496,
39.6580

 21.1241, 20.6744,
13.1694

148.7308, 29.1042,
41.9105

 13.9118, 19.2283,
9.7382

163.7328, 29.3998,

 7.5466, 19.1148,

44.1337

5.2826

179.2078, 29.6399,
46.3324

0.0000, INF, NaN

0.0000, NaN, NaN

■ 69.6461, 25.9332,
27.6951

■ 69.6461, 25.9332,
27.6951

■ 64.8953, 33.2442,
30.3487

■ 74.8057, 19.0236,
24.3857

■ 60.6017, 40.8743,
32.2256

■ 80.3199, 12.5625,
20.5283

■ 56.8225, 48.6460,
33.2218

■ 86.1476, 6.5451,
16.2195

■ 53.6092, 56.2868,
33.2871

■ 92.2519, 0.9487,
11.5375

■ 51.5036, 61.9226,

■ 98.6013, -4.2599,

32.8204

6.5453

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.



69.6479, 40.5015, 15.6072



69.6461, 25.9332, 27.6951



69.6479, 4.4058, 32.6841

Triad

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



69.6479, 25.9294, 27.6961



69.6479, -40.2930, 10.9345



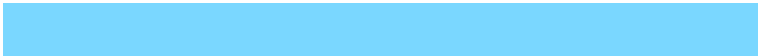
69.6479, 10.5194, -45.4206

Complementary

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



69.6461, 25.9332, 27.6951



77.4309, -19.3754, -25.0688

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.



69.6479, -11.4895, -47.8431



69.6461, 25.9332, 27.6951



69.6479, -39.0821, -10.5443

Square

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



69.6479, 25.9294, 27.6961



69.6479, -32.6535, 25.1848



69.6479, -29.1131, -33.5802



69.6479, 30.8760, -27.7247

Rectangle

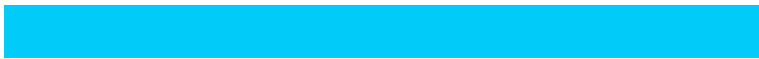
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



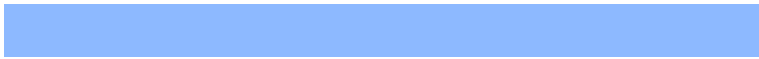
69.6461, 25.9332, 27.6951



69.6479, -10.2109, 32.7964



69.6479, -29.1131, -33.5802



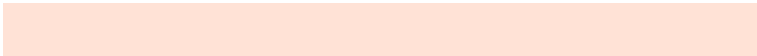
69.6479, 3.0178, -48.2158

Sweetspot

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



69.6479, 25.9294, 27.6961



89.8751, 3.0520, 13.3771



63.3173, 59.6908, -20.2032



40.9985, 1.9444, 6.6354

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.6479, 25.9294, 27.6961



64.5146, 33.8778, 30.5388



88.5281, -8.5273, 42.0696



43.4485, -0.2169, 4.7383



37.5333, 43.8809, 23.8961



12.4633, 11.6166, 7.8832

Inverse Universe

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



77.4309, -19.3754, -25.0688



73.5442, -19.6359, -31.2973



57.2071, 14.5895, -62.5458



44.1642, -4.2669, -0.0463



45.5480, -9.4881, -36.4489



14.8720, -3.9352, -10.0938

Previews

White Background



This preview shows how the HunterLab color 69.6461, 25.9332, 27.6951 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 69.6461, 25.9332, 27.6951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

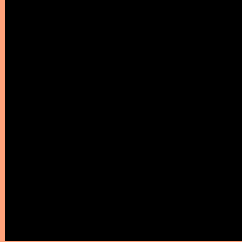
Any Text WCAG AA ✓ Pass

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 69.6461, 25.9332, 27.6951 Background



This preview shows how black text looks on a background with the HunterLab color 69.6461, 25.9332, 27.6951.



This preview shows how white text looks on a background with the HunterLab color 69.6461, 25.9332,

27.6951.

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

69.6461, 25.9332, 27.6951

Protanopia

69.7447, -6.0303, 24.3133

Deuteranopia

69.6162, 5.0498, 28.1216



Tritanopia

69.6981, 33.3000, 11.5998

Trichromacy



Original Color

69.6461, 25.9332, 27.6951



Protanomaly

69.4395, 4.7829, 25.4349



Deuteranomaly

69.6587, 12.3815, 28.0157



Tritanomaly

69.5149, 30.6335, 18.0347

Monochromacy



Original Color

69.6461, 25.9332, 27.6951



Achromatopsia

69.6527, -3.7165, 3.7844



Achromatomaly

69.1047, 5.1761, 13.3450

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.6461, 25.9332, 27.6951 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, 162, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 122)  
}
```

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, 162, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 69.6461, 25.9332, 27.6951 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, 162, 122) }
```


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

```
.border{ border-color:rgb(255, 162, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.6461, 25.9332, 27.6951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 122) }
```

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

```
.background{ background-color: rgb(255,  
162, 122) }
```

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