

Converting Colors

HunterLab(56.1945, 30.5315,
24.7292)

Have a look what the booklet for
HunterLab(56.1945, 30.5315,
24.7292) contains.

HunterLab(56.2062, 30.5325, 24.7279)	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(56.2062, 30.5325,
24.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	E27D5B
RGB	226, 125, 91
RGB Percent	89%, 49%, 36%
CMY	0.1137, 0.5098, 0.6431
CMYK	0.00, 0.45, 0.60, 0.11
HSL	15°, 70%, 62%
HSV	15°, 60%, 89%
XYZ	40.5860, 31.5914, 13.8562
YIQ	151.3230, 71.1100, 10.8380

Conversions

Conversions Part 2

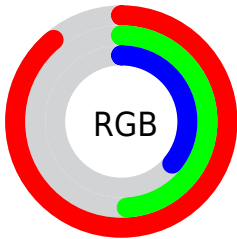
Format	Color
R _Y B	226, 136, 91
Decimal	14843227
CIE Lab	63.01, 35.98, 35.62
CIE LCh	63, 50.625, 44.710
Yxy	31.5930, 0.4717, 0.3672
Android (android.graphics.Color)	4293033307 (0xFFE27D5B)
YUV	151.3230, -29.7392, 65.4917
Hunter-Lab	56.2062, 30.5325, 24.7279

Details

The HunterLab color **56.2062, 30.5325, 24.7279** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **67.3884, -20.2136, -22.1340**, and the grayscale version is **55.8582, -2.9805, 3.0349**.

A 20% lighter version of the original color is **74.4669, 18.8808, 25.8412**, and **36.3131, 28.0259, 18.9760** is the 20% darker color. If you saturate the color by 10%, you get **52.2849, 37.5250, 26.6000**, and if you desaturate by 10%, it is **60.5764, 23.7600, 22.2775**.

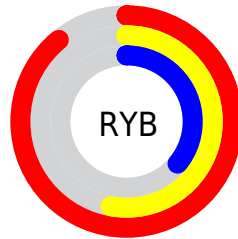
Distribution



Red (89%)

Green (49%)

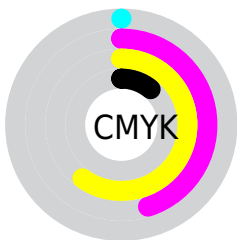
Blue (36%)



Red (89%)

Yellow (53%)

Blue (36%)

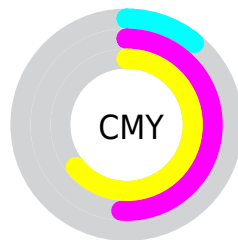


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (11%)



Cyan (11%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2062, 30.5325, 24.7279 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 56.2062, 30.5325, 24.7279 by changing the saturation by 10% instead.

56.2062, 30.5325,
24.7279

56.2062, 30.5325,
24.7279

175.8582, 37.0337,
46.3205

45.8812, 29.3518,
21.9294

78.8496, 32.5567,
29.9686

36.2783, 28.0525,
18.9658

91.0926, 33.4257,
32.4555

27.4584, 26.6230,
15.7896

103.9109, 34.2086,
34.8758

19.4982, 25.0650,
12.7881

117.2798, 34.9119,
37.2414

12.5033, 23.4219,
8.7523

131.1774, 35.5413,
39.5617

5.7679, 28.4684,
4.0375

145.5843, 36.1019,

0.0000, INF, NaN

41.8443

0.0000, NaN, NaN

160.4832, 36.5981,
44.0956

0.0000, NaN, NaN

■ 56.2062, 30.5325,
24.7279

■ 56.2062, 30.5325,
24.7279

■ 52.2849, 37.5250,
26.6000

■ 60.5764, 23.7600,
22.2775

■ 48.8667, 44.5619,
27.7803

■ 65.3351, 17.3207,
19.3568

■ 46.0077, 51.3543,
28.1905

■ 70.4338, 11.2530,
16.0628

■ 43.7422, 57.4993,
27.9369

■ 75.8290, 5.5607,
12.4725

■ 43.6896, 57.6479,
27.9306

■ 81.4837, 0.2252,
8.6461

■ 87.3672, -4.7826,
4.6291

■ 93.4536, -9.4960,
0.4555

■ 97.4211, -14.4268,
2.2000

Harmonies

Analogous

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



56.2077, 44.3325, 12.3936



56.2062, 30.5325, 24.7279



56.2077, 8.6589, 29.7663

Triad

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



56.2077, 30.5290, 24.7287



56.2077, -38.4249, 12.7171



56.2077, 8.2100, -51.8245

Complementary

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



56.2062, 30.5325, 24.7279



67.3884, -20.2136, -22.1340

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.



56.2077, -13.7837, -51.6286



56.2062, 30.5325, 24.7279



56.2077, -38.5067, -8.2135

Square

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



56.2077, 30.5290, 24.7287



56.2077, -29.9024, 24.8863



56.2077, -30.1465, -33.4936



56.2077, 30.1568, -33.9559

Rectangle

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



56.2062, 30.5325, 24.7279



56.2077, -6.4517, 30.2896



56.2077, -30.1465, -33.4936



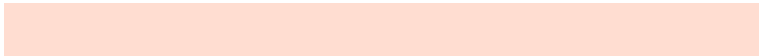
56.2077, 0.5327, -54.0405

Sweetspot

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



56.2077, 30.5290, 24.7287



87.9790, 5.3624, 13.6110



52.4099, 60.3444, -23.2290



39.8430, 3.3363, 6.8752

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



56.2077, 30.5290, 24.7287



58.8168, 45.2538, 30.9576



73.9819, -3.6267, 37.5915



37.7608, 0.0342, 3.9451



33.2410, 42.8134, 21.2325



9.5252, 9.0833, 6.0284

Inverse Universe

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



67.3884, -20.2136, -22.1340



73.5215, -23.2506, -31.3981



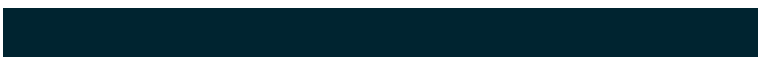
47.2435, 13.0814, -60.9577



38.6743, -3.9453, 0.1717



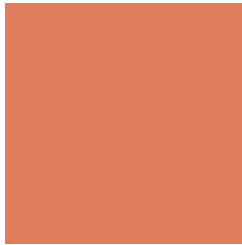
44.1981, -12.5969, -28.0507



12.2222, -4.1381, -6.3436

Previews

White Background



This preview shows how the HunterLab color 56.2062, 30.5325, 24.7279 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 56.2062, 30.5325, 24.7279 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 56.2062, 30.5325, 24.7279 Background



This preview shows how black text looks on a background with the HunterLab color 56.2062, 30.5325, 24.7279.



This preview shows how white text looks on a background with the HunterLab color 56.2062, 30.5325,

24.7279.

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

56.2062, 30.5325, 24.7279

Protanopia

56.4347, -5.4051, 21.4738

Deuteranopia

56.2894, 3.7583, 25.2536



Tritanopia

56.1355, 37.4575, 13.3102

Trichromacy



Original Color

56.2062, 30.5325, 24.7279

Protanomaly

55.8732, 6.9009, 22.2877

Deuteranomaly

55.9455, 13.5664, 24.9264

Tritanomaly

56.1140, 34.5531, 18.0444

Monochromacy



Original Color

56.2062, 30.5325, 24.7279

Achromatopsia

55.6299, -2.9683, 3.0225

Achromatomaly

55.1325, 7.1085, 11.7618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2062, 30.5325, 24.7279 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(226, 125, 91)` looks like.

```
.text, #text, p{  
    color:rgb(226, 125, 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(226, 125, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 125, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2062, 30.5325, 24.7279 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(226, 125, 91) }
```


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

```
.border{ border-color:rgb(226, 125, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 125, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 125, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 125, 91);  
box-shadow:4px 4px 4px 4px rgb(226, 125,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2062, 30.5325, 24.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 125, 91) }
```

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

```
.background{ background-color: rgb(226,  
125, 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](#).

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