

# Converting Colors

HunterLab(58.4167, -23.5811,  
21.0292)

Have a look what the booklet for  
HunterLab(58.4167, -23.5811,  
21.0292) contains.

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# Color

**HunterLab(58.3027,  
-23.3444, 20.8042)**

# Conversions

Conversions Part 1	
Format	Color
Hex	7FA96D
RGB	127, 169, 109
RGB Percent	50%, 66%, 43%
CMY	0.5020, 0.3372, 0.5725
CMYK	0.25, 0.00, 0.36, 0.34
HSL	102°, 26%, 55%
HSV	102°, 36%, 66%
XYZ	25.7007, 33.9920, 19.6745
YIQ	149.6020, -5.7720, -27.5640

# Conversions

## Conversions Part 2

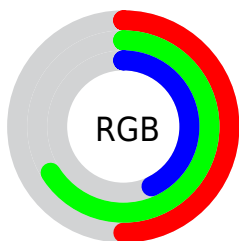
Format	Color
<a href="#">RYB</a>	<a href="#">109, 169, 151</a>
Decimal	<a href="#">8366445</a>
CIELab	<a href="#">64.96, -25.63, 26.51</a>
CIELCh	<a href="#">65, 36.872, 134.028</a>
Yxy	<a href="#">33.9935, 0.3238, 0.4283</a>
Android (android.graphics.Color)	<a href="#">4286556525</a> (0xFF7FA96D)
YUV	<a href="#">149.6020, -20.0168, -19.8220</a>
Hunter-Lab	<a href="#">58.3027, -23.3444, 20.8042</a>

# Details

The HunterLab color **58.3027, -23.3444, 20.8042** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **45.1466, 21.3960, -21.1040**, and the grayscale version is **55.1459, -2.9424, 2.9962**.

A 20% lighter version of the original color is **81.0606, -27.0305, 24.8135**, and **38.1907, -19.3591, 16.5573** is the 20% darker color. If you saturate the color by 10%, you get **57.2784, -27.8833, 24.3017**, and if you desaturate by 10%, it is **59.4605, -18.2965, 16.6700**.

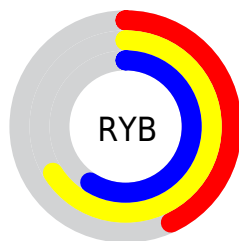
# Distribution



Red (50%)

Green (66%)

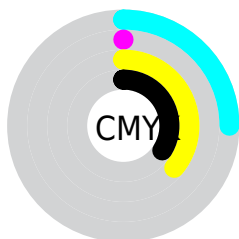
Blue (43%)



Red (43%)

Yellow (66%)

Blue (59%)

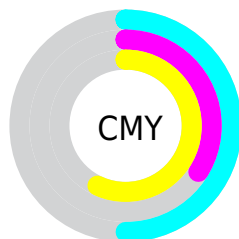


Cyan (25%)

Magenta (0%)

Yellow (36%)

Black (34%)



Cyan (50%)

Magenta (34%)


Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3027, -23.3444, 20.8042 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 58.3027, -23.3444, 20.8042 by changing the saturation by 10% instead.





 58.3027, -23.3444,  
20.8042


 58.3027, -23.3444,  
20.8042


178.9143,  
-40.1360, 38.1852


 47.8420, -21.2961,  
18.6459


 81.1933, -27.2679,  
24.9068

 38.0937, -19.1605,  
16.3838


 93.5508, -29.1671,  
26.8813

 29.1155, -16.9061,  
13.9820


 106.4785,  
-31.0372, 28.8194

 20.9803, -14.4801,  
11.3863

 119.9522,  
-32.8847, 30.7289

 13.7867, -11.7902,  
9.6507

133.9507,  
-34.7146, 32.6157

 7.4082, -12.9644,  
5.1858

148.4550,


0.0000, NaN, NaN


-36.5311, 34.4849


0.0000, NaN, NaN


163.4480,  
-38.3373, 36.3403


0.0000, NaN, NaN


 58.3027, -23.3444,  
20.8042


 58.3027, -23.3444,  
20.8042


 57.2784, -27.8833,  
24.3017


 59.4605, -18.2965,  
16.6700


 56.3841, -31.8804,  
27.1479


 60.7466, -12.7718,  
11.9212

 55.6201, -35.3169,  
29.3446


 62.1595, -6.8116,  
6.5906


 54.9833, -38.1842,  
30.9102


 63.6959, -0.4582,  
0.7161


 54.4690, -40.4886,  
31.8842


 65.3517, 6.2458,  
-5.6612


 54.0695, -42.2562,  
32.3383

 67.1225, 13.2587,  
-12.4985

 53.9196, -42.9189,  
32.4736

 69.0035, 20.5409,  
-19.7532

 70.9896, 28.0559,  
-27.3839

 72.8020, 34.4163,  
-31.5858

# Harmonies

## Analogous

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



58.3040, -10.5216, 25.3295



58.3027, -23.3444, 20.8042



58.3040, -30.3011, 10.7993

# Triad

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



58.3040, -23.3456, 20.8048



58.3040, -11.4939, -33.4025



58.3040, 30.5322, 9.9507

# Complementary

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



58.3027, -23.3444, 20.8042



45.1466, 21.3960, -21.1040

# 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.



58.3040, 30.1977, -5.6453



58.3027, -23.3444, 20.8042



58.3040, 4.6828, -33.8152

# Square

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



58.3040, -23.3456, 20.8048



58.3040, -23.9898, -21.5962



58.3040, 20.3183, -22.6043



58.3040, 21.1873, 20.3314



# Rectangle

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



58.3027, -23.3444, 20.8042



58.3040, -31.2118, 1.0394



58.3040, 20.3183, -22.6043



58.3040, 31.5774, 5.2302

# Sweetspot

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



58.3040, -23.3456, 20.8048



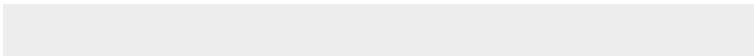
82.0866, -13.7248, 12.9738



56.2795, -2.7348, 19.3888



38.2107, -6.8819, 6.4791



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



58.3040, -23.3456, 20.8048



76.8770, -36.3122, 31.7718



57.4536, -26.1444, 16.2769



29.1766, -4.3155, 4.1064



46.5747, -36.9382, 28.0525



7.4433, -5.0192, 4.4987



# Inverse Universe

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



45.1466, 21.3960, -21.1040



55.5660, 36.5512, -36.8510



46.6985, 24.9907, -11.2881



27.4809, 1.4007, -1.2044



22.4727, 47.9851, -59.1205



3.8414, 7.9307, -7.9995



# Previews

## White Background



This preview shows how the HunterLab color 58.3027, -23.3444, 20.8042 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

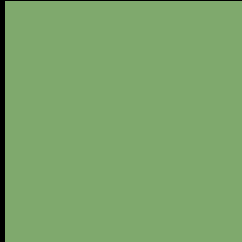
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.3027, -23.3444, 20.8042 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

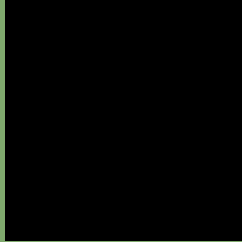
Any Text WCAG AA ✓ Pass

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 58.3027, -23.3444, 20.8042 Background



This preview shows how black text looks on a background with the HunterLab color 58.3027, -23.3444, 20.8042.



This preview shows how white text looks on a background with the HunterLab color 58.3027,

-23.3444, 20.8042.

# 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

58.3027, -23.3444, 20.8042

### Protanopia

58.0168, -5.7419, 22.2650

### Deuteranopia

57.8308, 4.1619, 19.6910



## Tritanopia

58.1929, -7.6645, -5.0754

# Trichromacy



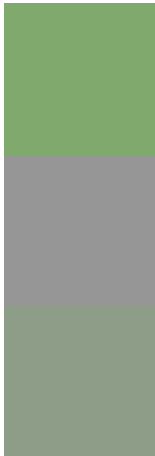
**Original Color**  
58.3027, -23.3444, 20.8042

**Protanomaly**  
57.7931, -12.5788, 21.4027

**Deuteranomaly**  
57.6915, -6.5961, 19.6798

**Tritanomaly**  
58.0857, -14.2115, 6.0909

# Monochromacy



**Original Color**  
58.3027, -23.3444, 20.8042

**Achromatopsia**  
55.2257, -2.9467, 3.0005

**Achromatomaly**  
56.2263, -10.8213, 10.2863

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.3027, -23.3444, 20.8042 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(127, 169, 109)` looks like.

```
.text, #text, p{  
    color:rgb(127, 169, 109)  
}
```

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(127, 169, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 169, 109) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.3027, -23.3444, 20.8042 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(127, 169, 109) }
```



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

```
.border{ border-color:rgb(127, 169, 109) }
```

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

Here you see how a box with a 4 pixel rgb(127, 169, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 169, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 169, 109);  
box-shadow:4px 4px 4px 4px rgb(127, 169,  
109) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.3027, -23.3444, 20.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 169, 109) }
```

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

```
.background{ background-color: rgb(127,  
169, 109) }
```

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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