

Converting Colors

HunterLab(60.8745, -30.1713,
9.6456)

Have a look what the booklet for
HunterLab(60.8745, -30.1713,
9.6456) contains.

HunterLab(60.8316, -30.2185, 9.6481)	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(60.8316,
-30.2185, 9.6481)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB494
RGB	91, 180, 148
RGB Percent	36%, 71%, 58%
CMY	0.6431, 0.2941, 0.4196
CMYK	0.49, 0.00, 0.18, 0.29
HSL	158°, 37%, 53%
HSV	158°, 49%, 71%
XYZ	25.9810, 37.0048, 33.7903
YIQ	149.7410, -42.7720, -28.8200

Conversions

Conversions Part 2

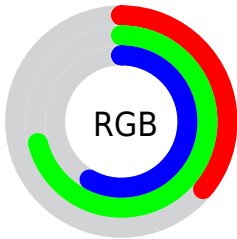
Format	Color
RYB	91, 145, 180
Decimal	6010004
CIELab	67.28, -34.47, 8.18
CIELCh	67, 35.431, 166.649
Yxy	37.0063, 0.2685, 0.3824
Android (android.graphics.Color)	4284200084 (0xFF5BB494)
YUV	149.7410, -0.8583, -51.5159
Hunter-Lab	60.8316, -30.2185, 9.6481

Details

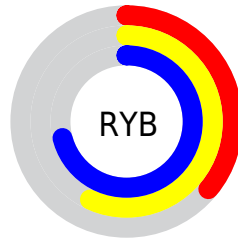
The HunterLab color **60.8316, -30.2185, 9.6481** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **43.1468, 32.6347, 1.4063**, and the grayscale version is **55.1380, -2.9420, 2.9958**.

A 20% lighter version of the original color is **83.8845, -35.0602, 11.5813**, and **40.4338, -25.0999, 7.8924** is the 20% darker color. If you saturate the color by 10%, you get **59.9994, -33.8453, 11.2730**, and if you desaturate by 10%, it is **61.8419, -25.9574, 8.1431**.

Distribution



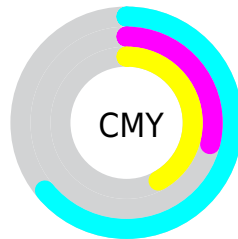
- Red (36%)
- Green (71%)
- Blue (58%)



- Red (36%)
- Yellow (57%)
- Blue (71%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.8316, -30.2185, 9.6481 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 60.8316, -30.2185, 9.6481 by changing the saturation by 10% instead.

■ 60.8316, -30.2185,
9.6481

■ 60.8316, -30.2185,
9.6481

182.5754,
-50.6924, 19.3581

■ 50.2119, -27.6404,
8.6310

■ 84.0134, -35.1018,
11.7103

■ 40.2931, -24.9334,
7.6169

■ 96.5057, -37.4422,
12.7586

■ 31.1301, -22.0545,
6.5997

■ 109.5623,
-39.7323, 13.8206

■ 22.7914, -18.9358,
5.5687

■ 123.1599,
-41.9814, 14.8971

■ 15.3682, -15.4624,
4.5038

137.2775,
-44.1966, 15.9888

■ 8.9785, -15.7124,
4.2658

151.8969,

0.0000, NaN, NaN

-46.3838, 17.0960

0.0000, NaN, NaN

167.0012,
-48.5477, 18.2190

0.0000, NaN, NaN

■ 60.8316, -30.2185,
9.6481

■ 60.8316, -30.2185,
9.6481

■ 59.9994, -33.8453,
11.2730

■ 61.8419, -25.9574,
8.1431

■ 59.3355, -36.8275,
12.9924

■ 63.0297, -21.0853,
6.7752

■ 58.8313, -39.1784,
14.7804

■ 64.3968, -15.6414,
5.5601

■ 58.4724, -40.9355,
16.6070

■ 65.9413, -9.6735,
4.5082

■ 58.2262, -42.2205,
18.4263

■ 67.6596, -3.2354,
3.6261

■ 58.2135, -42.2875,
18.5248

■ 69.5467, 3.6173,
2.9161

■ 71.5963, 10.8289,
2.3775

■ 73.8016, 18.3466,
2.0065

■ 76.1552, 26.1213,
1.7974

Harmonies

Analogous

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



60.8328, -23.9146, 20.0779



60.8316, -30.2185, 9.6481



60.8328, -29.8465, -5.6207

Triad

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



60.8328, -30.2192, 9.6488



60.8328, 5.7567, -31.6440



60.8328, 19.1825, 20.8845

Complementary

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



60.8316, -30.2185, 9.6481



43.1468, 32.6347, 1.4063

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.



60.8328, 28.8855, 11.0655



60.8316, -30.2185, 9.6481



60.8328, 20.6061, -20.2157

Square

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



60.8328, -30.2192, 9.6488



60.8328, -10.1461, -32.3081



60.8328, 29.4318, -3.7911



60.8328, 3.9694, 25.3492

Rectangle

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



60.8316, -30.2185, 9.6481



60.8328, -25.8772, -16.7230



60.8328, 29.4318, -3.7911



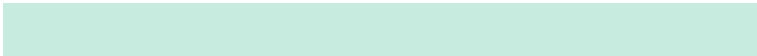
60.8328, 23.2619, 18.2338

Sweetspot

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



60.8328, -30.2192, 9.6488



87.5541, -17.7786, 6.8664



61.3655, -30.3935, 27.7177



40.5080, -9.0283, 3.3328



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



60.8328, -30.2192, 9.6488



80.7344, -45.8239, 15.3072



57.9443, -19.5184, -8.8213



30.9494, -4.5013, 2.1094



48.6457, -35.2440, 15.2787



8.6905, -5.8743, 1.8186

Inverse Universe

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



43.1468, 32.6347, 1.4063



52.9791, 53.8954, 3.1759



44.8705, 23.1130, 14.9746



29.2474, 1.4163, 1.2371



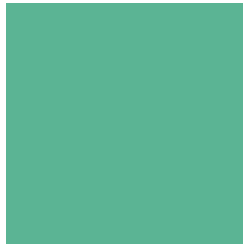
26.5486, 46.5047, 9.0974



4.8289, 8.6857, -0.1052

Previews

White Background



This preview shows how the HunterLab color 60.8316, -30.2185, 9.6481 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 60.8316, -30.2185, 9.6481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

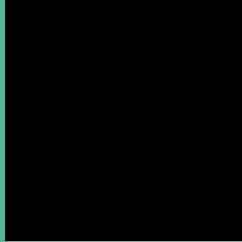
Any Text WCAG AA ✓ Pass

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 60.8316, -30.2185, 9.6481 Background



This preview shows how black text looks on a background with the HunterLab color 60.8316, -30.2185, 9.6481.



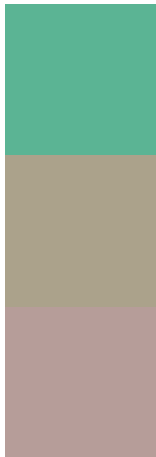
This preview shows how white text looks on a background with the HunterLab color 60.8316,

-30.2185, 9.6481.

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

60.8316, -30.2185, 9.6481

Protanopia

60.3015, -3.7729, 13.0750

Deuteranopia

60.2984, 4.2987, 7.5978



Tritanopia

60.6519, -18.4190, -9.4577

Trichromacy



Original Color

60.8316, -30.2185, 9.6481

Protanomaly

60.0664, -15.2939, 11.4845

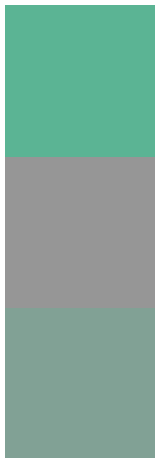
Deuteranomaly

59.6106, -10.1870, 7.4327

Tritanomaly

60.5974, -22.9370, -1.7439

Monochromacy



Original Color

60.8316, -30.2185, 9.6481

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

56.8567, -14.0334, 5.1385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.8316, -30.2185, 9.6481 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(91, 180, 148)` looks like.

```
.text, #text, p{  
    color:rgb(91, 180, 148)  
}
```

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(91, 180, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 180, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 60.8316, -30.2185, 9.6481 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(91, 180, 148) }
```


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

```
.border{ border-color:rgb(91, 180, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 180, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 180, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 180, 148);  
box-shadow:4px 4px 4px 4px rgb(91, 180,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.8316, -30.2185, 9.6481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 180, 148) }
```

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

```
.background{ background-color: rgb(91, 180,  
148) }
```

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