

Converting Colors

HunterLab(60.2986, -32.1489,
8.6311)

Have a look what the booklet for
HunterLab(60.2986, -32.1489,
8.6311) contains.

HunterLab(60.3243, -32.1645, 8.6622)	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(60.3243,
-32.1645, 8.6622)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB495
RGB	77, 180, 149
RGB Percent	30%, 71%, 58%
CMY	0.6980, 0.2941, 0.4157
CMYK	0.57, 0.00, 0.17, 0.29
HSL	162°, 41%, 50%
HSV	162°, 57%, 71%
XYZ	24.8066, 36.3902, 34.1503
YIQ	145.6690, -51.4370, -31.4770

Conversions

Conversions Part 2

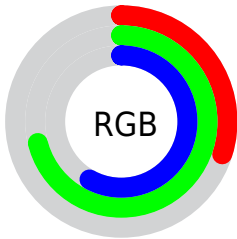
Format	Color
RYB	77, 138, 180
Decimal	5092501
CIELab	66.82, -37.44, 6.90
CIELCh	67, 38.070, 169.554
Yxy	36.3917, 0.2602, 0.3817
Android (android.graphics.Color)	4283282581 (0xFF4DB495)
YUV	145.6690, 1.6422, -60.2227
Hunter-Lab	60.3243, -32.1645, 8.6622

Details

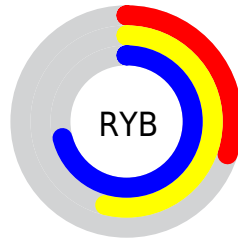
The HunterLab color $60.3243, -32.1645, 8.6622$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $40.1182, 37.3974, 4.4061$, and the grayscale version is $53.4901, -2.8541, 2.9062$.

A 20% lighter version of the original color is $83.2893, -37.2999, 10.4496$, and $39.7537, -26.1696, 6.8040$ is the 20% darker color. If you saturate the color by 10%, you get $59.6444, -35.1618, 10.0738$, and if you desaturate by 10%, it is $61.1751, -28.5390, 7.3886$.

Distribution



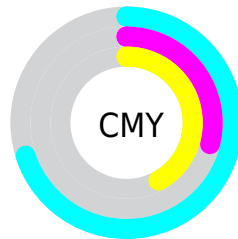
- Red (30%)
- Green (71%)
- Blue (58%)



- Red (30%)
- Yellow (54%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3243, -32.1645, 8.6622 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 60.3243, -32.1645, 8.6622 by changing the saturation by 10% instead.

■ 60.3243, -32.1645,
8.6622

■ 60.3243, -32.1645,
8.6622

181.8431,
-53.9313, 17.8692

■ 49.7361, -29.3935,
7.7173

■ 83.4483, -37.3918,
10.5934

■ 39.8511, -26.4750,
6.7812

■ 95.9138, -39.8884,
11.5815

■ 30.7247, -23.3605,
5.8495

■ 108.9448,
-42.3261, 12.5862

■ 22.4261, -19.9730,
4.9138

■ 122.5177,
-44.7155, 13.6079

■ 15.0482, -16.1832,
3.9583

■ 136.6117,
-47.0647, 14.6469

■ 8.6880, -15.2039,
3.7663

151.2082,

0.0000, NaN, NaN

-49.3803, 15.7034

0.0000, NaN, NaN

166.2903,
-51.6677, 16.7775

0.0000, NaN, NaN

■ 60.3243, -32.1645,
8.6622

■ 60.3243, -32.1645,
8.6622

■ 59.6444, -35.1618,
10.0738

■ 61.1751, -28.5390,
7.3886

■ 59.1228, -37.5392,
11.5981

■ 62.1990, -24.2935,
6.2702

■ 58.7473, -39.3302,
13.2080

■ 63.3998, -19.4542,
5.3223

■ 58.4953, -40.6135,
14.8675

■ 64.7778, -14.0592,
4.5549

■ 58.4342, -40.9320,
15.3228

■ 66.3310, -8.1553,
3.9736

■ 68.0557, -1.7944,
3.5800

■ 69.9469, 4.9695,
3.3721

■ 71.9985, 12.0828,
3.3450

■ 74.2036, 19.4946,
3.4916

Harmonies

Analogous

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



60.3255, -26.1737, 20.1977



60.3243, -32.1645, 8.6622



60.3255, -31.0815, -8.0997

Triad

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



60.3255, -32.1651, 8.6629



60.3255, 8.1332, -34.0615



60.3255, 19.5244, 22.5044

Complementary

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



60.3243, -32.1645, 8.6622



40.1182, 37.3974, 4.4061

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.



60.3255, 30.8393, 12.8065



60.3243, -32.1645, 8.6622



60.3255, 23.7745, -20.6207

Square

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



60.3255, -32.1651, 8.6629



60.3255, -9.0451, -36.0834



60.3255, 32.4756, -2.6416



60.3255, 2.8306, 26.5869

Rectangle

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



60.3243, -32.1645, 8.6622



60.3255, -26.4502, -20.1107



60.3255, 32.4756, -2.6416



60.3255, 24.1582, 19.9425

Sweetspot

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



60.3255, -32.1651, 8.6629



87.2115, -18.9844, 6.1397



60.3906, -34.6131, 29.7126



40.3669, -9.5153, 2.9398



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.



60.3255, -32.1651, 8.6629



80.0835, -48.3794, 14.1578



55.1407, -18.5930, -12.7791



30.9630, -4.4252, 1.9143



48.8292, -34.1178, 12.6183



8.7174, -5.7101, 1.4304

Inverse Universe

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



40.1182, 37.3974, 4.4061



48.6979, 61.2957, 8.8810



43.1099, 25.3201, 17.3501



29.2335, 1.3417, 1.4348



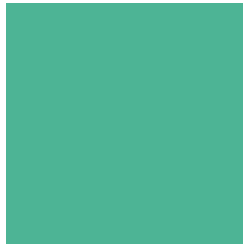
26.4007, 45.9607, 11.2559



4.7948, 8.5621, 0.3791

Previews

White Background



This preview shows how the HunterLab color 60.3243, -32.1645, 8.6622 looks on a white background.

Color Contrast Check

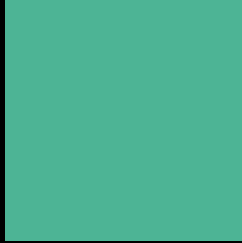
Large Text (above 18pt) WCAG AA × Fail

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 60.3243, -32.1645, 8.6622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

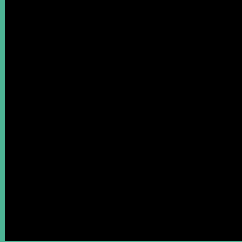
Any Text WCAG AA ✓ Pass

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 60.3243, -32.1645, 8.6622 Background



This preview shows how black text looks on a background with the HunterLab color 60.3243, -32.1645, 8.6622.



This preview shows how white text looks on a background with the HunterLab color 60.3243, -32.1645, 8.6622.

-32.1645, 8.6622.

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

60.3243, -32.1645, 8.6622

Protanopia

59.8238, -3.9381, 12.5860

Deuteranopia

59.8442, 4.2727, 6.6618



Tritanopia

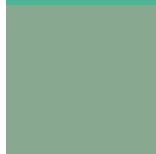
60.4216, -20.8574, -10.3761

Trichromacy



Original Color

60.3243, -32.1645, 8.6622



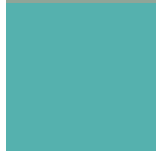
Protanomaly

59.3487, -16.2958, 10.3242



Deuteranomaly

59.1751, -11.7038, 6.4951



Tritanomaly

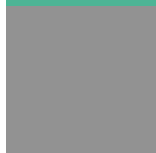
60.3586, -25.4590, -2.5885

Monochromacy



Original Color

60.3243, -32.1645, 8.6622



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

55.3401, -14.9866, 4.2639

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3243, -32.1645, 8.6622 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(77, 180, 149)` looks like.

```
.text, #text, p{  
    color:rgb(77, 180, 149)  
}
```

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(77, 180, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 180, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3243, -32.1645, 8.6622 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(77, 180, 149) }
```


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

```
.border{ border-color:rgb(77, 180, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 180, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 180, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 180, 149);  
box-shadow:4px 4px 4px 4px rgb(77, 180,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3243, -32.1645, 8.6622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 180, 149) }
```

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

```
.background{ background-color: rgb(77, 180,  
149) }
```

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