

Converting Colors

HunterLab(60.2022, -34.2838,
-0.0297)

Have a look what the booklet for
HunterLab(60.2022, -34.2838,
-0.0297) contains.

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Color

**HunterLab(60.3421,
-34.4694, 0.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	12B6A8
RGB	18, 182, 168
RGB Percent	7%, 71%, 66%
CMY	0.9293, 0.2863, 0.3412
CMYK	0.90, 0.00, 0.08, 0.29
HSL	175°, 82%, 39%
HSV	175°, 90%, 71%
XYZ	24.0453, 36.4117, 42.8066
YIQ	131.3680, -93.2500, -39.1220

Conversions

Conversions Part 2

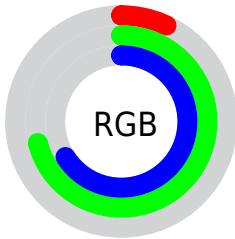
Format	Color
RYB	18, 104, 182
Decimal	1226408
CIELab	66.83, -40.81, -3.70
CIElCh	67, 40.979, 185.177
Yxy	36.4131, 0.2329, 0.3526
Android (android.graphics.Color)	4279416488 (0xFF12B6A8)
YUV	131.3680, 18.0596, -99.4237
Hunter-Lab	60.3421, -34.4694, 0.1792

Details

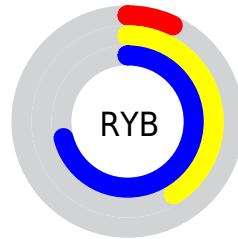
The HunterLab color **60.3421, -34.4694, 0.1792** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **32.3777, 52.3309, 18.3618**, and the grayscale version is **47.7466, -2.5476, 2.5942**.

A 20% lighter version of the original color is **83.5975, -40.2489, 1.2949**, and **40.8648, -24.0257, 0.7871** is the 20% darker color. If you saturate the color by 10%, you get **60.1891, -35.1813, 0.7152**, and if you desaturate by 10%, it is **60.5984, -33.3564, -0.2373**.

Distribution



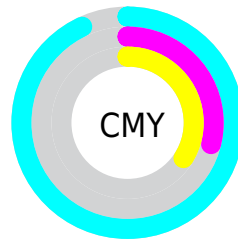
- Red (7%)
- Green (71%)
- Blue (66%)



- Red (7%)
- Yellow (41%)
- Blue (71%)



- Cyan (90%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)



- Cyan (93%)
- Magenta (29%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.3421, -34.4694, 0.1792 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 60.3421, -34.4694, 0.1792 by changing the saturation by 10% instead.

60.3421, -34.4694,
0.1792

60.3421, -34.4694,
0.1792

181.8687,
-57.6969, 5.4746

49.7528, -31.4827,
-0.2134

83.4680, -40.0829,
1.1014

39.8665, -28.3294,
-0.5561

95.9345, -42.7554,
1.6231

30.7388, -24.9550,
-0.8427

108.9664,
-45.3600, 2.1821

22.4389, -21.2745,
-1.0651

122.5402,
-47.9082, 2.7764

15.0593, -17.1667,
-1.2124

136.6350,
-50.4092, 3.4043

8.6983, -15.2220,
-1.3218

151.2323,

0.0000, NaN, NaN

-52.8705, 4.0642

0.0000, NaN, NaN

166.3152,
-55.2980, 4.7547

0.0000, NaN, NaN

■ 60.3421, -34.4694,
0.1792

■ 60.3421, -34.4694,
0.1792

■ 60.1891, -35.1813,
0.7152

■ 60.5984, -33.3564,
-0.2373

■ 60.9897, -31.7094,
-0.4810

■ 61.5329, -29.4806,
-0.5296

■ 62.2388, -26.6451,
-0.3683

■ 63.1152, -23.1975,
0.0115

■ 64.1666, -19.1494,
0.6128

■ 65.3950, -14.5262,
1.4333

■ 66.8001, -9.3643,
2.4667

■ 68.3795, -3.7075,
3.7029

Harmonies

Analogous

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



60.3432, -31.9995, 15.7346



60.3421, -34.4694, 0.1792



60.3432, -29.4173, -19.4029

Triad

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



60.3432, -34.4696, 0.1799



60.3432, 18.4572, -31.0549



60.3432, 12.3002, 26.4814

Complementary

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



60.3421, -34.4694, 0.1792



32.3777, 52.3309, 18.3618

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.



60.3432, 28.3773, 19.5855



60.3421, -34.4694, 0.1792



60.3432, 32.2189, -12.5568

Square

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



60.3432, -34.4696, 0.1799



60.3432, -0.0093, -40.5634



60.3432, 36.0492, 6.2327



60.3432, -6.3708, 28.0463

Rectangle

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



60.3421, -34.4694, 0.1792



60.3432, -22.0620, -31.2361



60.3432, 36.0492, 6.2327



60.3432, 18.2546, 24.8373

Sweetspot

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



60.3432, -34.4696, 0.1799



86.8109, -24.2128, 1.0885



58.1791, -48.0862, 34.4237



40.5496, -12.3243, 0.3541



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.3432, -34.4696, 0.1799



81.0308, -47.4349, 1.1170



40.1147, -3.5149, -40.7563



31.9328, -4.2729, 1.2184



50.5838, -29.5352, 0.5327



9.5180, -5.4219, -0.1925

Inverse Universe

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



32.3777, 52.3309, 18.3618



42.5226, 72.9422, 26.5402



40.3361, 29.1666, 24.5230



30.0405, 1.1143, 2.2168



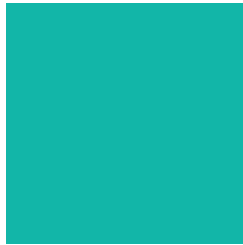
26.5573, 45.5923, 16.2912



5.0282, 8.7154, 2.4400

Previews

White Background



This preview shows how the HunterLab color 60.3421, -34.4694, 0.1792 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 60.3421, -34.4694, 0.1792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

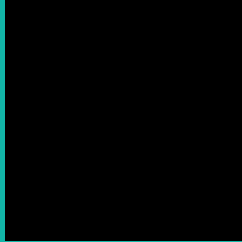
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

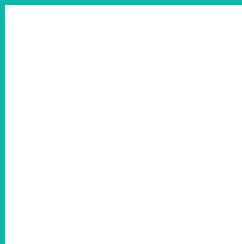
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 60.3421, -34.4694, 0.1792 Background



This preview shows how black text looks on a background with the HunterLab color 60.3421, -34.4694, 0.1792.



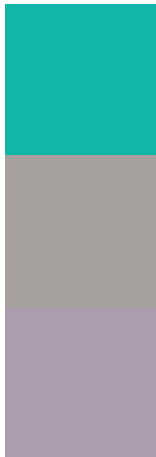
This preview shows how white text looks on a background with the HunterLab color 60.3421, -34.4694, 0.1792.

-34.4694, 0.1792.

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

60.3421, -34.4694, 0.1792

Protanopia

59.9975, -2.4387, 5.8459

Deuteranopia

59.8564, 4.0742, -2.7109



Tritanopia

60.2261, -26.3423, -13.0180

Trichromacy



Original Color

60.3421, -34.4694, 0.1792



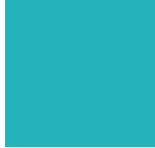
Protanomaly

58.6163, -19.7021, 2.1343



Deuteranomaly

58.2201, -15.5700, -4.1446



Tritanomaly

60.0633, -29.3300, -8.2664

Monochromacy



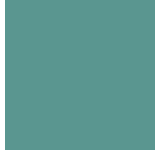
Original Color

60.3421, -34.4694, 0.1792



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

50.9902, -18.6702, 0.4126

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.3421, -34.4694, 0.1792 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(18, 182, 168)` looks like.

```
.text, #text, p{  
    color:rgb(18, 182, 168)  
}
```

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(18, 182, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 182, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 60.3421, -34.4694, 0.1792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

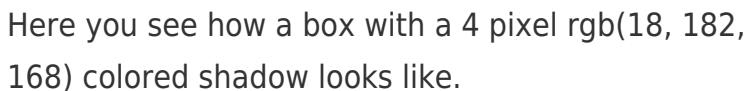
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 182, 168) }
```


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

```
.border{ border-color:rgb(18, 182, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(18, 182, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 182, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 182, 168);  
box-shadow:4px 4px 4px 4px rgb(18, 182,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.3421, -34.4694, 0.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 182, 168) }
```

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

```
.background{ background-color: rgb(18, 182,  
168) }
```

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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