

Converting Colors

HunterLab(60.1224, -21.5238,
-27.3960)

Have a look what the booklet for
HunterLab(60.1224, -21.5238,
-27.3960) contains.

HunterLab(60.1224, -21.5238, -27.3960)	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(60.1224,
-21.5238, -27.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	13B0D8
RGB	19, 176, 216
RGB Percent	7%, 69%, 85%
CMY	0.9254, 0.3098, 0.1529
CMYK	0.91, 0.19, 0.00, 0.15
HSL	192°, 84%, 46%
HSV	192°, 91%, 85%
XYZ	28.1886, 36.1470, 70.4572
YIQ	133.6170, -106.4120, -20.8440

Conversions

Conversions Part 2

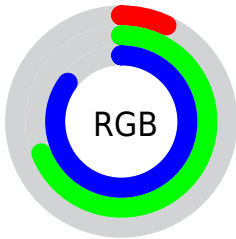
Format	Color
R _{YB}	19, 106, 216
Decimal	1290456
CIE Lab	66.63, -22.73, -30.52
CIE LCh	67, 38.056, 233.317
Yxy	36.1483, 0.2091, 0.2682
Android (android.graphics.Color)	4279480536 (0xFF13B0D8)
YUV	133.6170, 40.6148, -100.5191
Hunter-Lab	60.1224, -21.5238, -27.3960

Details

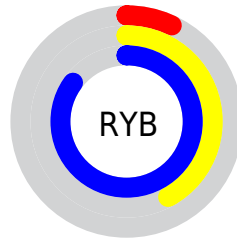
The HunterLab color **60.1224, -21.5238, -27.3960** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **42.1635, 53.2310, 26.0443**, and the grayscale version is **48.5538, -2.5907, 2.6380**.

A 20% lighter version of the original color is **82.5357, -29.6176, -17.6225**, and **40.9135, -12.6302, -23.8734** is the 20% darker color. If you saturate the color by 10%, you get **58.7495, -20.2502, -29.7175**, and if you desaturate by 10%, it is **61.8236, -22.4556, -24.6018**.

Distribution



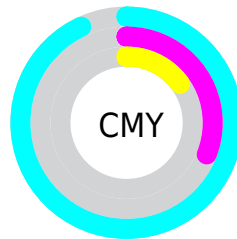
- Red (7%)
- Green (69%)
- Blue (85%)



- Red (7%)
- Yellow (42%)
- Blue (85%)



- Cyan (91%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1224, -21.5238, -27.3960 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 60.1224, -21.5238, -27.3960 by changing the saturation by 10% instead.

60.1224, -21.5238,
-27.3960

60.1224, -21.5238,
-27.3960

181.5512,
-37.0750, -29.9931

49.5467, -19.6612,
-26.8501

83.2231, -25.1137,
-28.3380

39.6752, -17.7324,
-26.2714

95.6780, -26.8631,
-28.7292

30.5634, -15.7111,
-25.6885

108.6987,
-28.5918, -29.0664

22.2809, -13.5557,
-25.1715

122.2618,
-30.3051, -29.3508

14.9211, -11.1946,
-24.9022

136.3463,
-32.0071, -29.5838

8.5693, -12.0181,
-25.6708

150.9336,

0.0000, NaN, -NF

-33.7010, -29.7674

0.0000, NaN, -NF

166.0070,
-35.3896, -29.9032

0.0000, NaN, NaN

■ 60.1224, -21.5238,
-27.3960

■ 60.1224, -21.5238,
-27.3960

■ 58.7495, -20.2502,
-29.7175

■ 61.8236, -22.4556,
-24.6018

■ 63.7131, -22.6917,
-21.5939

■ 65.8027, -22.1957,
-18.3779

■ 68.0958, -20.9651,
-14.9722

■ 70.5910, -19.0210,
-11.4011

■ 73.2838, -16.4005,
-7.6910

■ 76.1671, -13.1503,
-3.8677

■ 79.2327, -9.3226,
0.0450

■ 82.4713, -4.9707,
4.0259

Harmonies

Analogous

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



60.1235, -30.3874, -10.3858



60.1224, -21.5238, -27.3960



60.1235, -6.9693, -36.5392

Triad

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



60.1235, -21.5235, -27.3949



60.1235, 32.8307, -0.4608



60.1235, -15.6133, 25.4020

Complementary

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



60.1224, -21.5238, -27.3960



42.1635, 53.2310, 26.0443

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.



60.1235, 0.6415, 26.6936



60.1224, -21.5238, -27.3960



60.1235, 29.8571, 14.3279

Square

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



60.1235, -21.5235, -27.3949



60.1235, 25.3203, -18.4306



60.1235, 17.5944, 23.2541



60.1235, -27.2494, 19.0461

Rectangle

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



60.1224, -21.5238, -27.3960



60.1235, 4.5066, -35.5429



60.1235, 17.5944, 23.2541



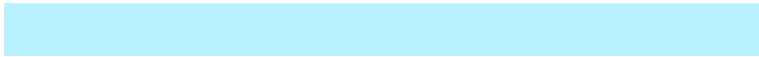
60.1235, -10.5585, 26.3537

Sweetspot

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



60.1235, -21.5235, -27.3949



89.7771, -18.3359, -7.4809



70.3996, -58.2896, 38.9398



40.9902, -9.0759, -4.1913

0.0000, NaN, NaN



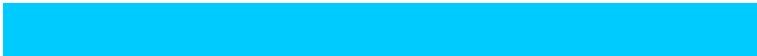
46.2646, -2.4686, 2.5136

Same Dimension

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



60.1235, -21.5235, -27.3949



70.7347, -24.2154, -36.1380



32.5012, 27.6867, -98.0029



36.9588, -3.9779, 0.3454



45.3723, -15.8170, -22.5671



11.6300, -4.5394, -4.7371

Inverse Universe

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



42.6623, 77.5951, -29.4380



50.5788, 95.1627, -33.5569



62.2336, 7.1943, 37.8855



35.4788, 2.5119, -0.3945



32.2848, 60.8080, -21.9237



7.9991, 15.1823, -6.3313

Previews

White Background



This preview shows how the HunterLab color 60.1224, -21.5238, -27.3960 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 60.1224, -21.5238, -27.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

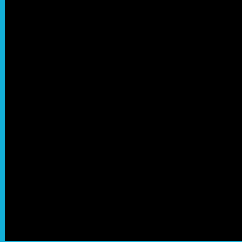
Any Text WCAG AA ✓ Pass

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 60.1224, -21.5238, -27.3960 Background



This preview shows how black text looks on a background with the HunterLab color 60.1224, -21.5238, -27.3960.



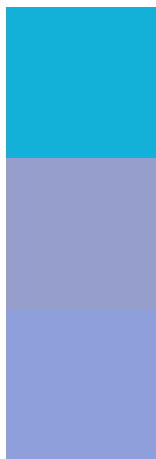
This preview shows how white text looks on a background with the HunterLab color 60.1224, -21.5238, -27.3960.

-21.5238, -27.3960.

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

60.1224, -21.5238, -27.3960

Protanopia

59.6992, 2.7920, -19.8999

Deuteranopia

59.8358, 4.6027, -30.1414



Tritanopia

60.0753, -28.6343, -13.2757

Trichromacy



Original Color

60.1224, -21.5238, -27.3960



Protanomaly

58.5569, -10.0503, -24.5150



Deuteranomaly

58.8400, -8.0824, -31.4150



Tritanomaly

60.0858, -26.2747, -17.9619

Monochromacy



Original Color

60.1224, -21.5238, -27.3960



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

51.4301, -14.1258, -9.0459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1224, -21.5238, -27.3960 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(19, 176, 216)` looks like.

```
.text, #text, p{  
    color:rgb(19, 176, 216)  
}
```

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(19, 176, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 176, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1224, -21.5238, -27.3960 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(19, 176, 216) }
```


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

```
.border{ border-color:rgb(19, 176, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 176, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 176, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 176, 216);  
box-shadow:4px 4px 4px 4px rgb(19, 176,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1224, -21.5238, -27.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 176, 216) }
```

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

```
.background{ background-color: rgb(19, 176,  
216) }
```

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