

Converting Colors

HunterLab(63.3128, -17.1984,
-18.1223)

Have a look what the booklet for
HunterLab(63.3128, -17.1984,
-18.1223) contains.

HunterLab(63.2495, -16.9638, -18.4787)	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(63.2495,
-16.9638, -18.4787)**

Conversions

Conversions Part 1

Format	Color
Hex	64B4D2
RGB	100, 180, 210
RGB Percent	39%, 71%, 82%
CMY	0.6078, 0.2941, 0.1765
CMYK	0.52, 0.14, 0.00, 0.18
HSL	196°, 55%, 61%
HSV	196°, 52%, 82%
XYZ	33.2096, 40.0050, 66.9441
YIQ	159.5000, -57.3100, -7.6300

Conversions

Conversions Part 2

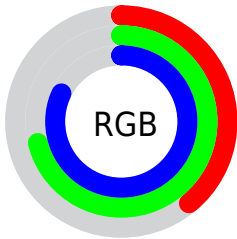
Format	Color
RYB	100, 146, 210
Decimal	6599890
CIELab	69.47, -16.25, -22.70
CIELCh	69, 27.916, 234.391
Yxy	40.0065, 0.2369, 0.2854
Android (android.graphics.Color)	4284789970 (0xFF64B4D2)
YUV	159.5000, 24.8965, -52.1815
Hunter-Lab	63.2495, -16.9638, -18.4787

Details

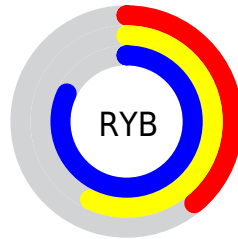
The HunterLab color **63.2495, -16.9638, -18.4787** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **55.3066, 22.1851, 21.5417**, and the grayscale version is **59.0055, -3.1484, 3.2059**.

A 20% lighter version of the original color is **86.2433, -22.7060, -12.2952**, and **42.3325, -14.0653, -17.5936** is the 20% darker color. If you saturate the color by 10%, you get **60.5759, -17.4672, -22.6583**, and if you desaturate by 10%, it is **66.1231, -15.7770, -14.2039**.

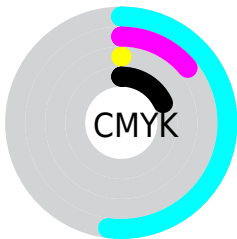
Distribution



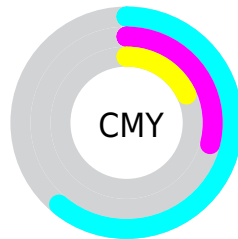
- Red (39%)
- Green (71%)
- Blue (82%)



- Red (39%)
- Yellow (57%)
- Blue (82%)



- Cyan (52%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (61%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.2495, -16.9638, -18.4787 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 63.2495, -16.9638, -18.4787 by changing the saturation by 10% instead.

■ 63.2495, -16.9638,
-18.4787

■ 63.2495, -16.9638,
-18.4787

186.0513,
-29.8534, -18.9825

■ 52.4820, -15.4938,
-18.1429

■ 86.7026, -19.8510,
-18.9620

■ 42.4051, -13.9936,
-17.7458

■ 99.3208, -21.2801,
-19.1165

■ 33.0711, -12.4484,
-17.2903

■ 112.4979,
-22.7051, -19.2162

■ 24.5448, -10.8354,
-16.7925

■ 126.2111,
-24.1291, -19.2639

■ 16.9115, -9.1151,
-16.3013

140.4403,
-25.5542, -19.2620

■ 10.2911, -7.6006,
-15.9781

155.1673,

0.0000, NaN, -NF

-26.9824, -19.2131

0.0000, NaN, -NF

170.3759,
-28.4150, -19.1192

0.0000, NaN, NaN

■ 63.2495, -16.9638,
-18.4787

■ 63.2495, -16.9638,
-18.4787

■ 60.5759, -17.4672,
-22.6583

■ 66.1231, -15.7770,
-14.2039

■ 58.1043, -17.2552,
-26.7162

■ 69.1851, -13.9511,
-9.8655

■ 55.8369, -16.3186,
-30.6235

■ 72.4269, -11.5379,
-5.4868

■ 53.7673, -14.6828,
-34.3623

■ 75.8382, -8.5911,
-1.0881

■ 52.2945, -13.0765,
-37.1353

■ 79.4084, -5.1639,
3.3151

■ 83.1273, -1.3064,
7.7108

■ 86.9849, 2.9353,
12.0908

■ 89.5590, 2.7604,
14.8684

■ 91.3082, -0.2636,
16.6666

Harmonies

Analogous

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



63.2507, -24.0968, -6.9090



63.2495, -16.9638, -18.4787



63.2507, -5.7448, -24.2782

Triad

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



63.2507, -16.9640, -18.4776



63.2507, 22.7752, 1.1327



63.2507, -13.1400, 21.1403

Complementary

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



63.2495, -16.9638, -18.4787



55.3066, 22.1851, 21.5417

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.



63.2507, -0.9764, 22.4566



63.2495, -16.9638, -18.4787



63.2507, 20.4065, 12.2956

Square

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



63.2507, -16.9640, -18.4776



63.2507, 17.7007, -11.6131



63.2507, 11.4607, 19.5524



63.2507, -22.0138, 15.5185

Rectangle

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



63.2495, -16.9638, -18.4787



63.2507, 2.7994, -23.4103



63.2507, 11.4607, 19.5524



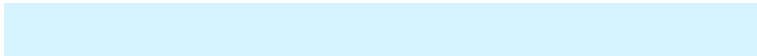
63.2507, -9.3276, 22.0477

Sweetspot

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



63.2507, -16.9640, -18.4776



92.8284, -12.1703, -3.4391



70.9911, -43.0497, 25.5467



42.5371, -5.9852, -2.1188

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.2507, -16.9640, -18.4776



75.0333, -21.7747, -28.9035



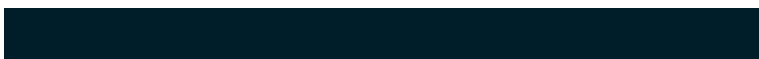
47.1174, 9.6330, -47.5236



35.8316, -3.5514, 0.1030



41.0562, -10.5251, -28.5960



10.3479, -3.3981, -5.5985

Inverse Universe

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



51.1004, 48.1153, -17.7718



58.3441, 72.4547, -25.5325



70.0303, -5.0760, 32.8549



34.5713, 2.3240, -0.0808



31.2616, 58.0630, -14.8882



7.4792, 14.0395, -4.7099

Previews

White Background



This preview shows how the HunterLab color 63.2495, -16.9638, -18.4787 looks on a white background.

Color Contrast Check

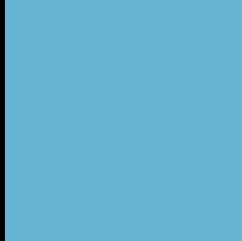
Large Text (above 18pt) WCAG AA × Fail

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 63.2495, -16.9638, -18.4787 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

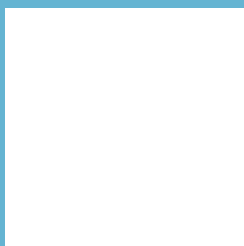
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.2495, -16.9638, -18.4787 Background



This preview shows how black text looks on a background with the HunterLab color 63.2495, -16.9638, -18.4787.



This preview shows how white text looks on a background with the HunterLab color 63.2495,

-16.9638, -18.4787.

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

63.2495, -16.9638, -18.4787

Protanopia

62.8775, 1.4222, -13.3358

Deuteranopia

63.0539, 4.4400, -20.2618



Tritanopia

63.1823, -21.5050, -11.0130

Trichromacy



Original Color

63.2495, -16.9638, -18.4787

Protanomaly

62.7325, -6.4959, -15.4501

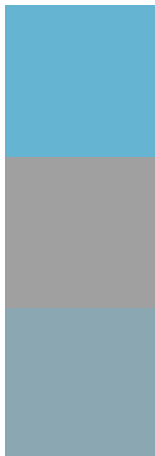
Deuteranomaly

62.7441, -4.2738, -20.2706

Tritanomaly

63.1296, -19.6729, -13.9229

Monochromacy



Original Color

63.2495, -16.9638, -18.4787

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.2122, -9.5112, -4.5385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.2495, -16.9638, -18.4787 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(100, 180, 210)` looks like.

```
.text, #text, p{  
    color:rgb(100, 180, 210)  
}
```

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(100, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 180, 210) }
```

Border

The CSS property to change the border of an element to HunterLab 63.2495, -16.9638, -18.4787 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(100, 180, 210) }
```


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

```
.border{ border-color:rgb(100, 180, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 180, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(100, 180,  
210) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.2495, -16.9638, -18.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 180, 210) }
```

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

```
.background{ background-color: rgb(100,  
180, 210) }
```

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