

Converting Colors

HunterLab(63.2955, -23.2424,
-6.6526)

Have a look what the booklet for
HunterLab(63.2955, -23.2424,
-6.6526) contains.

HunterLab(63.3107, -23.2546, -6.4819)	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(63.3107,
-23.2546, -6.4819)**

Conversions

Conversions Part 1

Format	Color
Hex	61B7BD
RGB	97, 183, 189
RGB Percent	38%, 72%, 74%
CMY	0.6196, 0.2823, 0.2588
CMYK	0.49, 0.03, 0.00, 0.26
HSL	184°, 41%, 56%
HSV	184°, 49%, 74%
XYZ	31.0485, 40.0824, 54.2443
YIQ	157.9700, -53.1820, -16.3660

Conversions

Conversions Part 2

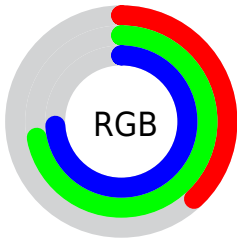
Format	Color
RYB	97, 141, 189
Decimal	6404029
CIELab	69.53, -24.30, -11.08
CIELCh	70, 26.712, 204.518
Yxy	40.0840, 0.2476, 0.3197
Android (android.graphics.Color)	4284594109 (0xFF61B7BD)
YUV	157.9700, 15.2978, -53.4707
Hunter-Lab	63.3107, -23.2546, -6.4819

Details

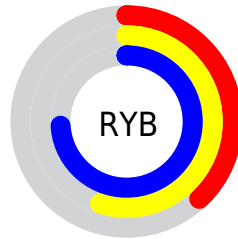
The HunterLab color **63.3107, -23.2546, -6.4819** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **46.2418, 27.1410, 14.4674**, and the grayscale version is **58.4176, -3.1170, 3.1739**.

A 20% lighter version of the original color is **86.7154, -26.8563, -6.1015**, and **42.5443, -19.4071, -6.5848** is the 20% darker color. If you saturate the color by 10%, you get **62.1774, -25.5084, -8.0421**, and if you desaturate by 10%, it is **64.6215, -20.3744, -4.7098**.

Distribution



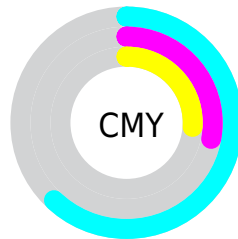
- Red (38%)
- Green (72%)
- Blue (74%)



- Red (38%)
- Yellow (55%)
- Blue (74%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3107, -23.2546, -6.4819 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 63.3107, -23.2546, -6.4819 by changing the saturation by 10% instead.

63.3107, -23.2546,
-6.4819

63.3107, -23.2546,
-6.4819

186.1391,
-39.4071, -3.5615

52.5395, -21.3157,
-6.5598

86.7706, -26.9927,
-6.1513

42.4587, -19.3080,
-6.5740

99.3920, -28.8124,
-5.9092

33.1205, -17.2066,
-6.5169

112.5721,
-30.6095, -5.6202

24.5895, -14.9723,
-6.3806

126.2882,
-32.3891, -5.2873

16.9509, -12.5391,
-6.1577

140.5202,
-34.1555, -4.9129

10.3246, -10.9895,
-5.8482

155.2499,

0.0000, NaN, -NF

-35.9123, -4.4992

0.0000, NaN, NaN

170.4611,
-37.6620, -4.0482

0.0000, NaN, NaN

■ 63.3107, -23.2546,
-6.4819

■ 63.3107, -23.2546,
-6.4819

■ 62.1774, -25.5084,
-8.0421

■ 64.6215, -20.3744,
-4.7098

■ 61.2132, -27.1323,
-9.3878

■ 66.1080, -16.8845,
-2.7395

■ 60.4106, -28.1442,
-10.5196

■ 67.7707, -12.8157,
-0.5844

■ 59.7564, -28.5858,
-11.4479

■ 69.6066, -8.2071,
1.7385

■ 59.2217, -28.5638,
-12.2082

■ 71.6115, -3.1035,
4.2114

■ 59.1536, -28.5501,
-12.3054

■ 73.7796, 2.4478,
6.8159

■ 76.1045, 8.3990,
9.5346

■ 78.5791, 14.7038,
12.3510

■ 79.7241, 16.6242,
13.6119

Harmonies

Analogous

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



63.3119, -24.9872, 5.5316



63.3107, -23.2546, -6.4819



63.3119, -16.3721, -17.4388

Triad

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



63.3119, -23.2550, -6.4810



63.3119, 16.7748, -10.8489



63.3119, -1.1356, 21.8084

Complementary

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



63.3107, -23.2546, -6.4819



46.2418, 27.1410, 14.4674

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.



63.3119, 10.7489, 18.9958



63.3107, -23.2546, -6.4819



63.3119, 21.5766, 1.2875

Square

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



63.3119, -23.2550, -6.4810



63.3119, 6.6018, -20.2751



63.3119, 19.2927, 11.9878



63.3119, -12.7823, 20.5067

Rectangle

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



63.3107, -23.2546, -6.4819



63.3119, -9.4943, -21.9125



63.3119, 19.2927, 11.9878



63.3119, 2.9723, 21.3319

Sweetspot

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



63.3119, -23.2550, -6.4810



91.5139, -15.1107, 0.2617



63.1576, -38.4369, 26.5403



42.2035, -7.5924, -0.1771



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



63.3119, -23.2550, -6.4810



83.1751, -34.2024, -10.8116



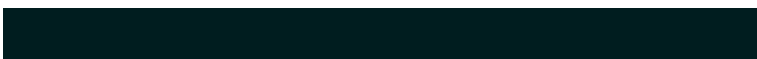
49.5061, -2.7618, -27.2025



32.7110, -4.0185, 0.7422



48.5661, -23.4737, -10.0303



9.7792, -4.8506, -1.7520

Inverse Universe

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



47.7369, 42.8811, -25.4780



59.2200, 69.6578, -41.3919



57.2166, 4.9184, 23.6226



31.1211, 2.3346, -0.8386



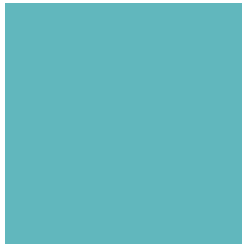
30.6770, 59.4834, -34.0378



6.0984, 11.8664, -7.0882

Previews

White Background



This preview shows how the HunterLab color 63.3107, -23.2546, -6.4819 looks on a white background.

Color Contrast Check

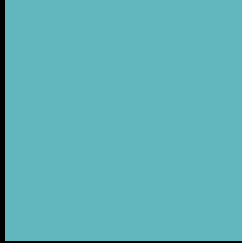
Large Text (above 18pt) WCAG AA × Fail

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 63.3107, -23.2546, -6.4819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

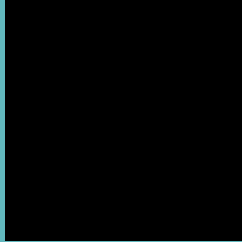
Any Text WCAG AA ✓ Pass

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 63.3107, -23.2546, -6.4819 Background



This preview shows how black text looks on a background with the HunterLab color 63.3107, -23.2546, -6.4819.



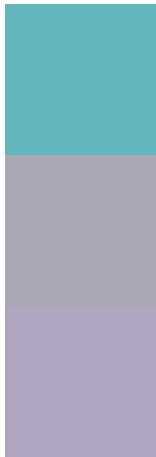
This preview shows how white text looks on a background with the HunterLab color 63.3107, -23.2546, -6.4819.

-23.2546, -6.4819.

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

63.3107, -23.2546, -6.4819

Protanopia

63.0362, -1.0007, -1.7888

Deuteranopia

63.0549, 4.4069, -8.5084



Tritanopia

63.3559, -20.8520, -10.7587

Trichromacy



Original Color

63.3107, -23.2546, -6.4819

Protanomaly

62.5665, -10.1554, -4.0783

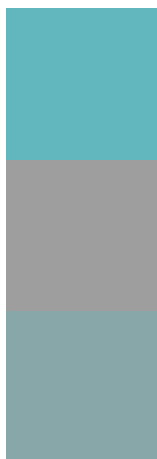
Deuteranomaly

62.7868, -7.1865, -8.5287

Tritanomaly

63.2041, -21.6382, -9.3109

Monochromacy



Original Color

63.3107, -23.2546, -6.4819

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.7798, -11.6513, -0.5965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3107, -23.2546, -6.4819 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(97, 183, 189)` looks like.

```
.text, #text, p{  
    color:rgb(97, 183, 189)  
}
```

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(97, 183, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 183, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3107, -23.2546, -6.4819 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(97, 183, 189) }
```


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

```
.border{ border-color:rgb(97, 183, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 183, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 183, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 183, 189);  
box-shadow:4px 4px 4px 4px rgb(97, 183,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3107, -23.2546, -6.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 183, 189) }
```

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

```
.background{ background-color: rgb(97, 183,  
189) }
```

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