

Converting Colors

HunterLab(59.3207, -23.8493,
-21.9089)

Have a look what the booklet for
HunterLab(59.3207, -23.8493,
-21.9089) contains.

HunterLab(59.3248, -23.7161, -22.2178)	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(59.3248,
-23.7161, -22.2178)**

Conversions

Conversions Part 1

Format	Color
Hex	0CAFCE
RGB	12, 175, 206
RGB Percent	5%, 69%, 81%
CMY	0.9528, 0.3137, 0.1922
CMYK	0.94, 0.15, 0.00, 0.19
HSL	190°, 89%, 43%
HSV	190°, 94%, 81%
XYZ	26.6221, 35.1943, 63.7826
YIQ	129.7970, -107.0990, -24.9150

Conversions

Conversions Part 2

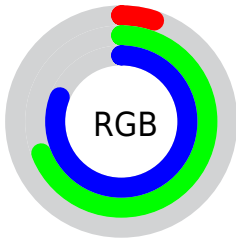
Format	Color
RYB	12, 101, 206
Decimal	831438
CIELab	65.90, -25.87, -26.14
CIElCh	66, 36.776, 225.292
Yxy	35.1956, 0.2120, 0.2802
Android (android.graphics.Color)	4279021518 (0xFF0CAFCE)
YUV	129.7970, 37.5681, -103.3080
Hunter-Lab	59.3248, -23.7161, -22.2178

Details

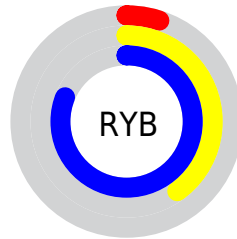
The HunterLab color **59.3248, -23.7161, -22.2178** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as dark washed azure. A complement of this color would be **38.5736, 54.5970, 24.1881**, and the grayscale version is **47.0595, -2.5110, 2.5568**.

A 20% lighter version of the original color is **82.0823, -29.5804, -18.2765**, and **40.2319, -14.3825, -19.2386** is the 20% darker color. If you saturate the color by 10%, you get **58.6288, -23.1391, -23.3301**, and if you desaturate by 10%, it is **60.6068, -24.3749, -20.2056**.

Distribution



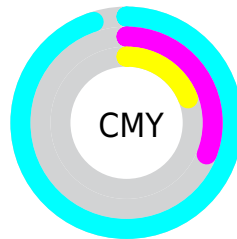
- Red (5%)
- Green (69%)
- Blue (81%)



- Red (5%)
- Yellow (40%)
- Blue (81%)



- Cyan (94%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (95%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3248, -23.7161, -22.2178 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 59.3248, -23.7161, -22.2178 by changing the saturation by 10% instead.

■ 59.3248, -23.7161,
-22.2178

■ 59.3248, -23.7161,
-22.2178

180.3970,
-40.5888, -23.7879

■ 48.7991, -21.6581,
-21.7664

■ 82.3338, -27.6560,
-22.9441

■ 38.9812, -19.5154,
-21.2643

■ 94.7462, -29.5646,
-23.2209

■ 29.9276, -17.2559,
-20.7268

■ 107.7264,
-31.4441, -23.4419

■ 21.7092, -14.8287,
-20.1968

■ 121.2505,
-33.3009, -23.6094

■ 14.4216, -12.1456,
-19.7940

■ 135.2974,
-35.1401, -23.7255

■ 8.0823, -14.1440,
-20.3890

149.8485,

0.0000, NaN, -NF

-36.9658, -23.7926

0.0000, NaN, -NF

164.8868,
-38.7811, -23.8127

0.0000, NaN, NaN

■ 59.3248, -23.7161,
-22.2178

■ 59.3248, -23.7161,
-22.2178

■ 58.6288, -23.1391,
-23.3301

■ 60.6068, -24.3749,
-20.2056

■ 62.0537, -24.4119,
-17.9827

■ 63.6814, -23.7748,
-15.5425

■ 65.4974, -22.4453,
-12.8928

■ 67.5042, -20.4302,
-10.0496

■ 69.7005, -17.7541,
-7.0333

■ 72.0823, -14.4542,
-3.8665

■ 74.6439, -10.5755,
-0.5719

■ 77.3780, -6.1674,
2.8289

Harmonies

Analogous

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



59.3259, -30.5644, -5.2173



59.3248, -23.7161, -22.2178



59.3259, -10.9458, -33.6170

Triad

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



59.3259, -23.7159, -22.2168



59.3259, 30.4258, -4.8815



59.3259, -11.2391, 25.4494

Complementary

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



59.3248, -23.7161, -22.2178



38.5736, 54.5970, 24.1881

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.



59.3259, 5.0310, 25.4937



59.3248, -23.7161, -22.2178



59.3259, 30.3252, 10.5917

Square

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



59.3259, -23.7159, -22.2168



59.3259, 20.8836, -21.9143



59.3259, 20.6221, 20.8026



59.3259, -23.9105, 20.6590

Rectangle

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



59.3248, -23.7161, -22.2178



59.3259, -0.2394, -34.9618



59.3259, 20.6221, 20.8026



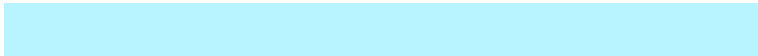
59.3259, -6.0422, 25.9663

Sweetspot

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



59.3259, -23.7159, -22.2168



90.4518, -20.2521, -6.6328



66.6203, -55.9613, 38.1934



41.2408, -10.1975, -3.8786

0.0000, NaN, NaN



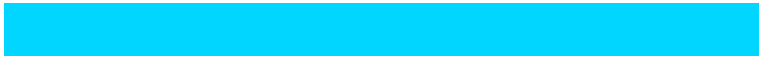
46.2646, -2.4686, 2.5136

Same Dimension

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



59.3259, -23.7159, -22.2168



74.4565, -29.2284, -29.9685



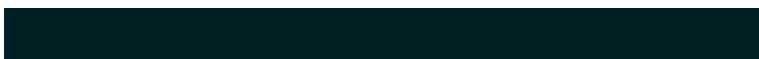
32.0333, 22.8246, -87.9408



35.2275, -3.9613, 0.4810



46.1352, -18.3275, -18.1012



10.8719, -4.6742, -3.4986

Inverse Universe

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



40.5970, 75.4768, -32.8970



51.1152, 97.0588, -40.7878



55.9987, 12.3735, 34.3531



33.7220, 2.4283, -0.5414



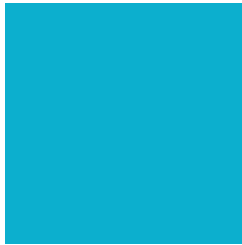
31.5463, 59.9569, -25.6068



7.2240, 13.8252, -6.6021

Previews

White Background



This preview shows how the HunterLab color 59.3248, -23.7161, -22.2178 looks on a white background.

Color Contrast Check

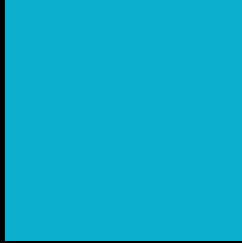
Large Text (above 18pt) WCAG AA × Fail

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 59.3248, -23.7161, -22.2178 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 59.3248, -23.7161, -22.2178 Background



This preview shows how black text looks on a background with the HunterLab color 59.3248, -23.7161, -22.2178.



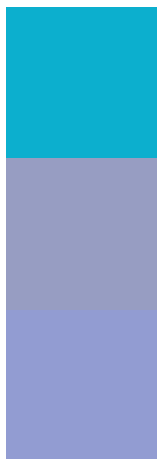
This preview shows how white text looks on a background with the HunterLab color 59.3248, -23.7161, -22.2178.

-23.7161, -22.2178.

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

59.3248, -23.7161, -22.2178

Protanopia

58.8118, 1.9637, -15.1800

Deuteranopia

58.7717, 4.5910, -25.2153



Tritanopia

59.3345, -28.2469, -13.1861

Trichromacy



Original Color

59.3248, -23.7161, -22.2178



Protanomaly

57.7386, -12.2417, -19.4977



Deuteranomaly

57.7401, -9.7378, -26.5320



Tritanomaly

59.2132, -26.6343, -16.2717

Monochromacy



Original Color

59.3248, -23.7161, -22.2178



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

50.0526, -14.9086, -7.7365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.3248, -23.7161, -22.2178 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(12, 175, 206)` looks like.

```
.text, #text, p{  
    color:rgb(12, 175, 206)  
}
```

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(12, 175, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 175, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 59.3248, -23.7161, -22.2178 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(12, 175, 206) }
```


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

```
.border{ border-color:rgb(12, 175, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 175, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 175, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 175, 206);  
box-shadow:4px 4px 4px 4px rgb(12, 175,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.3248, -23.7161, -22.2178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 175, 206) }
```

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

```
.background{ background-color: rgb(12, 175,  
206) }
```

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