

Converting Colors

HunterLab(62.0112, -23.8327,
-25.0884)

Have a look what the booklet for
HunterLab(62.0112, -23.8327,
-25.0884) contains.

HunterLab(62.1094, -24.0073, -24.8144)	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(62.1094,
-24.0073, -24.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	10B6D9
RGB	16, 182, 217
RGB Percent	6%, 71%, 85%
CMY	0.9371, 0.2863, 0.1490
CMYK	0.93, 0.16, 0.00, 0.15
HSL	190°, 86%, 46%
HSV	190°, 93%, 85%
XYZ	29.4660, 38.5758, 71.5384
YIQ	136.3560, -110.1710, -24.3070

Conversions

Conversions Part 2

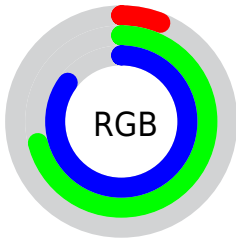
Format	Color
RYB	16, 107, 217
Decimal	1095385
CIELab	68.44, -25.58, -28.28
CIELCh	68, 38.128, 227.871
Yxy	38.5771, 0.2111, 0.2764
Android (android.graphics.Color)	4279285465 (0xFF10B6D9)
YUV	136.3560, 39.7575, -105.5522
Hunter-Lab	62.1094, -24.0073, -24.8144

Details

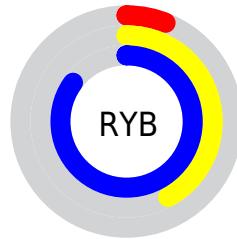
The HunterLab color **62.1094, -24.0073, -24.8144** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **41.4251, 56.3225, 25.8081**, and the grayscale version is **49.6438, -2.6489, 2.6972**.

A 20% lighter version of the original color is **84.5915, -32.3807, -14.7524**, and **42.7892, -14.9273, -21.2590** is the 20% darker color. If you saturate the color by 10%, you get **61.1014, -23.1234, -26.4546**, and if you desaturate by 10%, it is **63.5946, -24.7635, -22.4496**.

Distribution



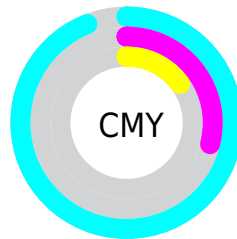
- Red (6%)
- Green (71%)
- Blue (85%)



- Red (6%)
- Yellow (42%)
- Blue (85%)



- Cyan (93%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (94%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.1094, -24.0073, -24.8144 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 62.1094, -24.0073, -24.8144 by changing the saturation by 10% instead.

62.1094, -24.0073,
-24.8144

62.1094, -24.0073,
-24.8144

184.4151,
-40.7040, -26.7969

51.4110, -21.9849,
-24.3251

85.4353, -27.8912,
-25.6258

41.4081, -19.8856,
-23.7904

97.9945, -29.7770,
-25.9479

32.1541, -17.6808,
-23.2276

111.1151,
-31.6362, -26.2152

23.7154, -15.3265,
-22.6822

124.7741,
-33.4748, -26.4295

16.1801, -12.7477,
-22.2727

138.9510,
-35.2975, -26.5929

9.6731, -12.0542,
-22.3632

153.6275,

0.0000, NaN, -NF

-37.1079, -26.7073

0.0000, NaN, -NF

168.7872,
-38.9093, -26.7746

0.0000, NaN, NaN

■ 62.1094, -24.0073,
-24.8144

■ 62.1094, -24.0073,
-24.8144

■ 61.1014, -23.1234,
-26.4546

■ 63.5946, -24.7635,
-22.4496

■ 65.2610, -24.8411,
-19.8614

■ 67.1236, -24.1920,
-17.0474

■ 69.1886, -22.8035,
-14.0201

■ 71.4571, -20.6885,
-10.7993

■ 73.9266, -17.8778,
-7.4089

■ 76.5917, -14.4143,
-3.8740

■ 79.4454, -10.3480,
-0.2190

■ 82.4795, -5.7323,
3.5335

Harmonies

Analogous

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



62.1105, -31.7972, -7.0839



62.1094, -24.0073, -24.8144



62.1105, -10.1235, -35.9764

Triad

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



62.1105, -24.0070, -24.8133



62.1105, 32.4878, -3.6091



62.1105, -13.1564, 26.5107

Complementary

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



62.1094, -24.0073, -24.8144



41.4251, 56.3225, 25.8081

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.



62.1105, 3.7950, 26.9669



62.1094, -24.0073, -24.8144



62.1105, 31.4470, 12.2918

Square

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



62.1105, -24.0070, -24.8133



62.1105, 23.1996, -21.6804



62.1105, 20.4942, 22.4999



62.1105, -26.0184, 21.0176

Rectangle

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



62.1094, -24.0073, -24.8144



62.1105, 1.2828, -36.6194



62.1105, 20.4942, 22.4999



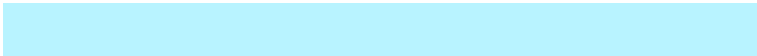
62.1105, -7.7875, 27.1908

Sweetspot

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



62.1105, -24.0070, -24.8133



90.1123, -19.7452, -7.0667



70.6845, -59.0673, 40.0343



41.0586, -9.9297, -4.1153

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.1105, -24.0070, -24.8133



73.2155, -27.5774, -31.9812



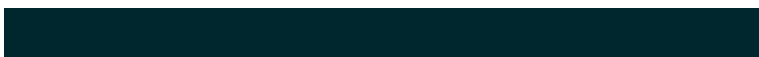
33.6318, 25.1842, -94.5644



37.9784, -4.2246, 0.4539



47.6844, -18.1848, -20.3455



12.5567, -5.1815, -4.5093

Inverse Universe

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



43.0129, 79.2917, -33.1126



50.9339, 96.4191, -38.3521



60.5033, 11.0021, 36.9926



36.3784, 2.6377, -0.5425



33.0442, 62.6090, -25.3126



8.4727, 16.1542, -7.2730

Previews

White Background



This preview shows how the HunterLab color 62.1094, -24.0073, -24.8144 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 62.1094, -24.0073, -24.8144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

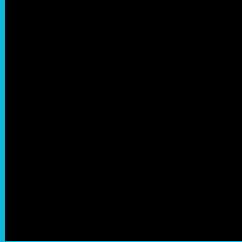
Any Text WCAG AA ✓ Pass

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 62.1094, -24.0073, -24.8144 Background



This preview shows how black text looks on a background with the HunterLab color 62.1094, -24.0073, -24.8144.



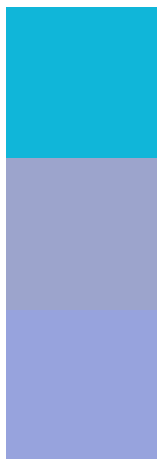
This preview shows how white text looks on a background with the HunterLab color 62.1094, -24.0073, -24.8144.

-24.0073, -24.8144.

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

62.1094, -24.0073, -24.8144

Protanopia

61.6267, 1.8857, -16.9536

Deuteranopia

61.6394, 4.8120, -27.7331



Tritanopia

61.9714, -29.3860, -14.0229

Trichromacy



Original Color

62.1094, -24.0073, -24.8144



Protanomaly

60.6074, -12.1196, -21.8766



Deuteranomaly

60.6148, -9.5667, -29.0472



Tritanomaly

61.9370, -27.2650, -18.2090

Monochromacy



Original Color

62.1094, -24.0073, -24.8144



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

52.7014, -15.6933, -7.8480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.1094, -24.0073, -24.8144 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(16, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(16, 182, 217)  
}
```

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(16, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 182, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 62.1094, -24.0073, -24.8144 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(16, 182, 217) }
```


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

```
.border{ border-color:rgb(16, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(16, 182, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(16, 182, 217); box-shadow:4px 4px 4px 4px rgb(16, 182, 217) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.1094, -24.0073, -24.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 182, 217) }
```

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

```
.background{ background-color: rgb(16, 182,  
217) }
```

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