

Converting Colors

HunterLab(50.1402, -23.4579,
-12.0322)

Have a look what the booklet for
HunterLab(50.1402, -23.4579,
-12.0322) contains.

HunterLab(50.2092, -23.4786, -12.0735)	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(50.2092,
-23.4786, -12.0735)**

Conversions

Conversions Part 1

Format	Color
Hex	0098A6
RGB	0, 152, 166
RGB Percent	0%, 60%, 65%
CMY	0.9999, 0.4039, 0.3490
CMYK	1.00, 0.08, 0.00, 0.35
HSL	185°, 100%, 33%
HSV	185°, 100%, 65%
XYZ	18.1112, 25.2096, 39.9878
YIQ	108.1480, -95.0860, -27.8700

Conversions

Conversions Part 2

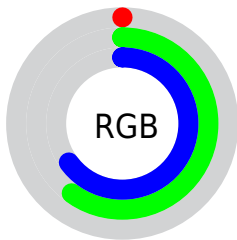
Format	Color
RYB	0, 79, 166
Decimal	39078
CIELab	57.28, -28.14, -16.88
CIELCh	57, 32.812, 210.963
Yxy	25.2106, 0.2174, 0.3026
Android (android.graphics.Color)	4278229158 (0xFF0098A6)
YUV	108.1480, 28.5210, -94.8458
Hunter-Lab	50.2092, -23.4786, -12.0735

Details

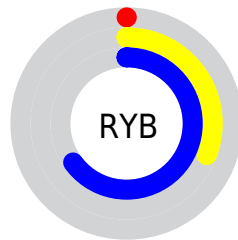
The HunterLab color **50.2092, -23.4786, -12.0735** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29.0207, 46.9108, 18.7019**, and the grayscale version is **38.7057, -2.0652, 2.1030**.

A 20% lighter version of the original color is **72.1952, -27.9928, -12.1824**, and **32.1391, -14.0642, -9.8105** is the 20% darker color. If you saturate the color by 10%, you get **50.2091, -23.4782, -12.0742**, and if you desaturate by 10%, it is **50.7773, -23.5985, -11.2495**.

Distribution



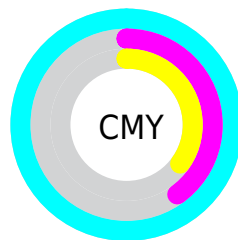
- Red (0%)
- Green (60%)
- Blue (65%)



- Red (0%)
- Yellow (31%)
- Blue (65%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2092, -23.4786, -12.0735 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 50.2092, -23.4786, -12.0735 by changing the saturation by 10% instead.

50.2092, -23.4786,
-12.0735

50.2092, -23.4786,
-12.0735

166.9985,
-41.5596, -11.4901

40.2914, -21.1990,
-11.8448

72.1100, -27.7797,
-12.3260

31.1286, -18.7924,
-11.5447

84.0112, -29.8403,
-12.3599

22.7900, -16.2060,
-11.1736

96.5035, -31.8581,
-12.3374

15.3670, -13.3495,
-10.7478

109.5600,
-33.8421, -12.2620

8.9774, -14.1363,
-10.3790

123.1574,
-35.7993, -12.1370

0.0000, NaN, -NF

0.0000, NaN, NaN

137.2750,

-37.7352, -11.9650

0.0000, NaN, NaN

151.8942,
-39.6540, -11.7486

0.0000, NaN, NaN

■ 50.2092, -23.4786,
-12.0735

■ 50.2092, -23.4786,
-12.0735

■ 50.2091, -23.4782,
-12.0742

■ 50.7773, -23.5985,
-11.2495

■ 51.4367, -23.3635,
-10.2991

■ 52.2226, -22.6436,
-9.1764

■ 53.1459, -21.4046,
-7.8741

■ 54.2133, -19.6332,
-6.3929

■ 55.4284, -17.3323,
-4.7390

■ 56.7921, -14.5180,
-2.9228

■ 58.3032, -11.2163,
-0.9577

■ 59.9590, -7.4602,
1.1415

Harmonies

Analogous

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



50.2101, -26.5638, 2.3069



50.2092, -23.4786, -12.0735



50.2101, -14.9284, -24.7390

Triad

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



50.2101, -23.4785, -12.0727



50.2101, 22.7005, -11.1345



50.2101, -3.1271, 21.9942

Complementary

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



50.2092, -23.4786, -12.0735



29.0207, 46.9108, 18.7019

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.



50.2101, 10.8643, 20.1786



50.2092, -23.4786, -12.0735



50.2101, 26.7141, 3.1556

Square

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



50.2101, -23.4785, -12.0727



50.2101, 11.7193, -24.1024



50.2101, 22.1705, 14.0670



50.2101, -15.6229, 19.9237

Rectangle

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



50.2092, -23.4786, -12.0735



50.2101, -6.7840, -29.1505



50.2101, 22.1705, 14.0670



50.2101, 1.5566, 21.8236

Sweetspot

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



50.2101, -23.4785, -12.0727



76.3978, -19.7947, -4.0840



52.2535, -44.5924, 30.9519



35.7786, -10.1227, -2.4112



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



50.2101, -23.4785, -12.0727



67.5272, -31.4880, -16.4297



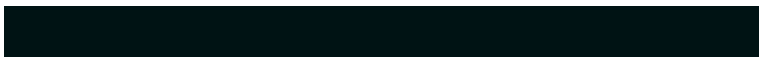
26.5187, 14.3264, -64.0686



29.0210, -3.4716, 0.6232



44.2513, -20.7217, -10.5782



7.1198, -3.5006, -1.3422

Inverse Universe

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



32.2100, 62.1935, -33.7456



43.3731, 83.7277, -45.2276



40.7777, 16.1290, 25.4081



27.6687, 1.9920, -0.6437



28.3687, 54.7906, -29.7946



4.4596, 8.6671, -5.1016

Previews

White Background



This preview shows how the HunterLab color 50.2092, -23.4786, -12.0735 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2092, -23.4786, -12.0735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

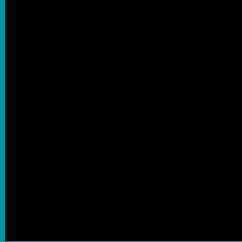
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 50.2092, -23.4786, -12.0735 Background



This preview shows how black text looks on a background with the HunterLab color 50.2092, -23.4786, -12.0735.



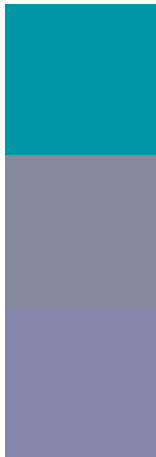
This preview shows how white text looks on a background with the HunterLab color 50.2092, -23.4786, -12.0735.

-23.4786, -12.0735.

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

50.2092, -23.4786, -12.0735

Protanopia

50.0432, -0.0003, -5.9040

Deuteranopia

49.9390, 3.5874, -14.3164



Tritanopia

50.1728, -23.6933, -11.5645

Trichromacy



Original Color

50.2092, -23.4786, -12.0735

Protanomaly

48.7653, -13.3125, -10.0643

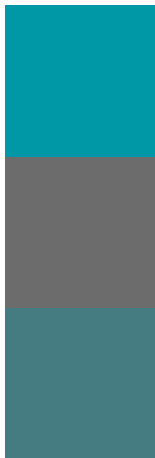
Deuteranomaly

48.8320, -10.7667, -15.6734

Tritanomaly

50.1728, -23.6933, -11.5645

Monochromacy



Original Color

50.2092, -23.4786, -12.0735

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.5518, -14.1875, -4.2794

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2092, -23.4786, -12.0735 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(0, 152, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 166)  
}
```

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(0, 152, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2092, -23.4786, -12.0735 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(0, 152, 166) }
```


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

```
.border{ border-color:rgb(0, 152, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 152, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 152, 166); box-shadow:4px 4px 4px 4px rgb(0, 152, 166) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2092, -23.4786, -12.0735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 166) }
```

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

```
.background{ background-color: rgb(0, 152,  
166) }
```

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