

Converting Colors

HunterLab(50.6801, -23.0140,
-13.6651)

Have a look what the booklet for
HunterLab(50.6801, -23.0140,
-13.6651) contains.

HunterLab(50.6801, -23.0140, -13.6651)	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(50.6801,
-23.0140, -13.6651)**

Conversions

Conversions Part 1

Format	Color
Hex	0099AA
RGB	0, 153, 170
RGB Percent	0%, 60%, 67%
CMY	0.9999, 0.4000, 0.3333
CMYK	1.00, 0.10, 0.00, 0.33
HSL	186°, 100%, 33%
HSV	186°, 100%, 67%
XYZ	18.6469, 25.6847, 42.0050
YIQ	109.1910, -96.6450, -27.1490

Conversions

Conversions Part 2

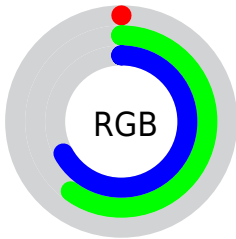
Format	Color
RYB	0, 81, 170
Decimal	39338
CIELab	57.74, -27.30, -18.46
CIELCh	58, 32.955, 214.070
Yxy	25.6857, 0.2160, 0.2975
Android (android.graphics.Color)	4278229418 (0xFF0099AA)
YUV	109.1910, 29.9788, -95.7605
Hunter-Lab	50.6801, -23.0140, -13.6651

Details

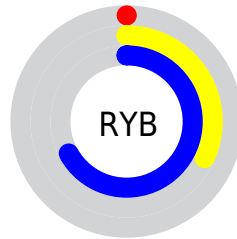
The HunterLab color **50.6801, -23.0140, -13.6651** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29.9133, 47.7754, 19.2671**, and the grayscale version is **39.0983, -2.0862, 2.1243**.

A 20% lighter version of the original color is **72.7153, -27.4388, -13.7559**, and **32.5812, -13.6063, -11.3516** is the 20% darker color. If you saturate the color by 10%, you get **50.6798, -23.0134, -13.6661**, and if you desaturate by 10%, it is **51.3473, -23.2536, -12.6806**.

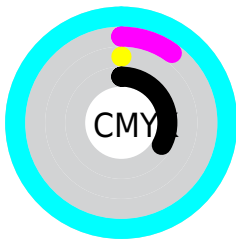
Distribution



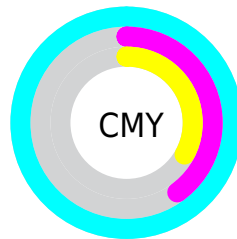
- Red (0%)
- Green (60%)
- Blue (67%)



- Red (0%)
- Yellow (32%)
- Blue (67%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6801, -23.0140, -13.6651 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 50.6801, -23.0140, -13.6651 by changing the saturation by 10% instead.

■ 50.6801, -23.0140,
-13.6651

■ 50.6801, -23.0140,
-13.6651

■ 167.7008,
-40.7114, -13.5301

■ 40.7291, -20.7948,
-13.3853

■ 72.6412, -27.2101,
-14.0218

■ 31.5303, -18.4562,
-13.0368

■ 84.5700, -29.2239,
-14.1073

■ 23.1523, -15.9483,
-12.6237

■ 97.0886, -31.1980,
-14.1358

■ 15.6849, -13.1868,
-12.1708

■ 110.1704,
-33.1407, -14.1105

■ 9.2552, -13.3468,
-11.7839

■ 123.7920,
-35.0586, -14.0347

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 137.9329,

-36.9571, -13.9111

0.0000, NaN, NaN

152.5747,
-38.8402, -13.7421

0.0000, NaN, NaN

■ 50.6801, -23.0140,
-13.6651

■ 50.6801, -23.0140,
-13.6651

■ 50.6798, -23.0134,
-13.6661

■ 51.3473, -23.2536,
-12.6806

■ 52.1106, -23.1218,
-11.5647

■ 53.0054, -22.4881,
-10.2719

■ 54.0423, -21.3191,
-8.7962

■ 55.2277, -19.6027,
-7.1402

■ 56.5646, -17.3438,
-5.3119

■ 58.0534, -14.5606,
-3.3235

■ 59.6922, -11.2811,
-1.1899

■ 61.4779, -7.5397,
1.0731

Harmonies

Analogous

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



50.6810, -26.7215, 0.9196



50.6801, -23.0140, -13.6651



50.6810, -13.8802, -25.8713

Triad

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



50.6810, -23.0139, -13.6643



50.6810, 23.6592, -9.6756



50.6810, -4.5911, 22.1411

Complementary

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



50.6801, -23.0140, -13.6651



29.9133, 47.7754, 19.2671

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.



50.6810, 9.5269, 20.7206



50.6801, -23.0140, -13.6651



50.6810, 26.8261, 4.5314

Square

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



50.6810, -23.0139, -13.6643



50.6810, 13.1634, -23.1664



50.6810, 21.4058, 15.0423



50.6810, -16.8367, 19.6330

Rectangle

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



50.6801, -23.0140, -13.6651



50.6810, -5.4408, -29.6335



50.6810, 21.4058, 15.0423



50.6810, 0.0862, 22.1014

Sweetspot

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



50.6810, -23.0139, -13.6643



78.0790, -19.8418, -4.6327



53.6568, -45.7400, 31.6751



36.4742, -10.1270, -2.7153



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



50.6810, -23.0139, -13.6643



68.1310, -30.8296, -18.6056



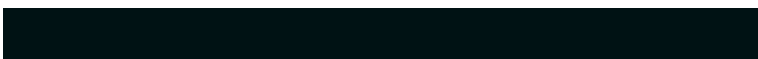
26.5312, 16.3046, -68.3545



28.9861, -3.4158, 0.5819



43.5198, -19.8048, -11.6430



7.0449, -3.4088, -1.4469

Inverse Universe

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



32.9345, 63.3794, -32.8518



44.3399, 85.3025, -43.9761



42.4870, 15.2634, 26.4463



27.6650, 1.9722, -0.5912



28.2543, 54.3903, -28.2852



4.4476, 8.6253, -4.9444

Previews

White Background



This preview shows how the HunterLab color 50.6801, -23.0140, -13.6651 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 50.6801, -23.0140, -13.6651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

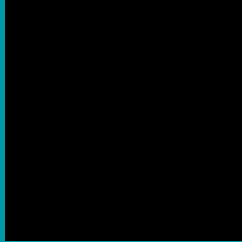
Any Text WCAG AA ✓ Pass

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 50.6801, -23.0140, -13.6651 Background



This preview shows how black text looks on a background with the HunterLab color 50.6801, -23.0140, -13.6651.



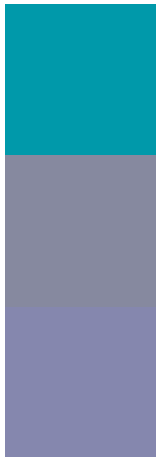
This preview shows how white text looks on a background with the HunterLab color 50.6801, -23.0140, -13.6651.

-23.0140, -13.6651.

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

50.6801, -23.0140, -13.6651

Protanopia

50.4607, 0.2533, -7.4421

Deuteranopia

50.3691, 3.9117, -16.0310



Tritanopia

50.5328, -23.8815, -11.6083

Trichromacy



Original Color

50.6801, -23.0140, -13.6651

Protanomaly

49.2144, -12.9339, -11.6450

Deuteranomaly

49.2894, -10.3427, -17.3659

Tritanomaly

50.5692, -23.6666, -12.1177

Monochromacy



Original Color

50.6801, -23.0140, -13.6651

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.9179, -14.2313, -4.7912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6801, -23.0140, -13.6651 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, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 170)  
}
```

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, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 170) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6801, -23.0140, -13.6651 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, 153, 170) }
```


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

```
.border{ border-color:rgb(0, 153, 170) }
```

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

Here you see how a box with a 4 pixel rgb(0, 153, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
170) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6801, -23.0140, -13.6651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 170) }
```

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

```
.background{ background-color: rgb(0, 153,  
170) }
```

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