

Converting Colors

HunterLab(47.6065, -20.2587,
-24.5250)

Have a look what the booklet for
HunterLab(47.6065, -20.2587,
-24.5250) contains.

HunterLab(48.5243, -17.3657, -23.1636)	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(48.5243,
-17.3657, -23.1636)**

Conversions

Conversions Part 1

Format	Color
Hex	0091B4
RGB	0, 145, 180
RGB Percent	0%, 57%, 71%
CMY	0.9999, 0.4314, 0.2941
CMYK	1.00, 0.19, 0.00, 0.29
HSL	192°, 100%, 35%
HSV	192°, 100%, 71%
XYZ	18.3636, 23.5461, 46.7570
YIQ	105.6350, -97.6550, -19.8550

Conversions

Conversions Part 2

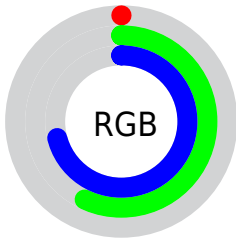
Format	Color
RYB	0, 80, 180
Decimal	37300
CIELab	55.63, -19.70, -27.39
CIELCh	56, 33.736, 234.274
Yxy	23.5469, 0.2071, 0.2656
Android (android.graphics.Color)	4278227380 (0xFF0091B4)
YUV	105.6350, 36.6619, -92.6419
Hunter-Lab	48.5243, -17.3657, -23.1636

Details

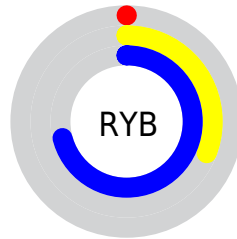
The HunterLab color **48.5243, -17.3657, -23.1636** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **33.0266, 47.1896, 21.1752**, and the grayscale version is **37.7221, -2.0128, 2.0495**.

A 20% lighter version of the original color is **70.2016, -20.6885, -24.1265**, and **30.8832, -8.7694, -19.6708** is the 20% darker color. If you saturate the color by 10%, you get **48.5228, -17.3634, -23.1667**, and if you desaturate by 10%, it is **49.7615, -18.3631, -21.1076**.

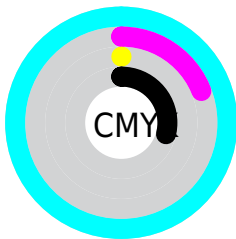
Distribution



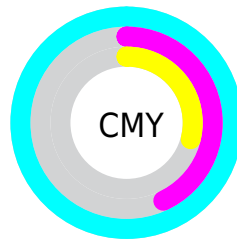
- Red (0%)
- Green (57%)
- Blue (71%)



- Red (0%)
- Yellow (31%)
- Blue (71%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5243, -17.3657, -23.1636 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 48.5243, -17.3657, -23.1636 by changing the saturation by 10% instead.

■ 48.5243, -17.3657,
-23.1636

■ 48.5243, -17.3657,
-23.1636

164.4754,
-31.7920, -25.5305

■ 38.7271, -15.6277,
-22.6340

■ 70.2067, -20.6978,
-24.0722

■ 29.6949, -13.8149,
-22.0793

■ 82.0076, -22.3182,
-24.4426

■ 21.5002, -11.8908,
-21.5512

■ 94.4043, -23.9191,
-24.7560

■ 14.2393, -9.7917,
-21.1932

■ 107.3695,
-25.5063, -25.0139

■ 7.8957, -11.2932,
-22.1321

■ 120.8792,
-27.0840, -25.2183

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 134.9123,

-28.6559, -25.3711

0.0000, NaN, NaN

149.4501,
-30.2245, -25.4745

0.0000, NaN, NaN

■ 48.5243, -17.3657,
-23.1636

■ 48.5243, -17.3657,
-23.1636

■ 48.5228, -17.3634,
-23.1667

■ 49.7615, -18.3631,
-21.1076

■ 51.1160, -18.9281,
-18.9194

■ 52.6224, -18.9327,
-16.5574

■ 54.2882, -18.3535,
-14.0281

■ 56.1156, -17.1915,
-11.3460

■ 58.1034, -15.4649,
-8.5300

■ 60.2480, -13.2034,
-5.6005

■ 62.5439, -10.4442,
-2.5775

■ 64.9849, -7.2282,
0.5204

Harmonies

Analogous

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



48.5251, -24.8234, -9.1420



48.5243, -17.3657, -23.1636



48.5251, -5.2548, -30.4739

Triad

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



48.5251, -17.3654, -23.1627



48.5251, 27.2853, 0.0098



48.5251, -13.1953, 20.6996

Complementary

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



48.5243, -17.3657, -23.1636



33.0266, 47.1896, 21.1752

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.



48.5251, 0.1300, 21.8711



48.5243, -17.3657, -23.1636



48.5251, 24.5405, 12.0543

Square

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



48.5251, -17.3654, -23.1627



48.5251, 21.3174, -14.8664



48.5251, 14.1925, 19.2021



48.5251, -22.6142, 15.3673

Rectangle

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



48.5243, -17.3657, -23.1636



48.5251, 4.2431, -29.4051



48.5251, 14.1925, 19.2021



48.5251, -9.0681, 21.5153

Sweetspot

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



48.5251, -17.3654, -23.1627



80.9678, -17.9586, -7.7549



57.2303, -48.3880, 32.9251



37.0758, -8.9684, -4.3723



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



48.5251, -17.3654, -23.1627



65.0845, -23.0357, -31.6225



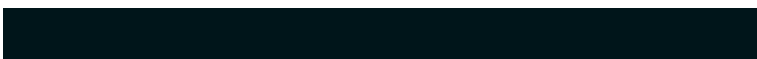
24.9483, 25.7639, -86.7950



30.5698, -3.2840, 0.3419



40.6531, -14.6631, -19.1594



7.6940, -3.2399, -2.6228

Inverse Universe

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



34.2762, 64.6576, -24.0858



46.1164, 86.9403, -31.9406



48.8593, 9.1443, 30.2657



29.3561, 2.0000, -0.3103



28.6505, 54.0776, -20.3444



5.1531, 9.8427, -4.5609

Previews

White Background



This preview shows how the HunterLab color 48.5243, -17.3657, -23.1636 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 48.5243, -17.3657, -23.1636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

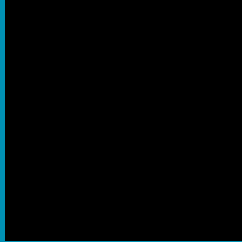
Any Text WCAG AA ✓ Pass

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 48.5243, -17.3657, -23.1636 Background



This preview shows how black text looks on a background with the HunterLab color 48.5243, -17.3657, -23.1636.



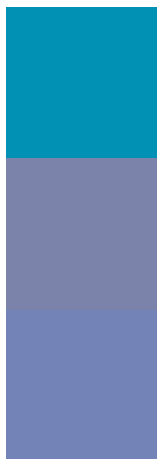
This preview shows how white text looks on a background with the HunterLab color 48.5243, -17.3657, -23.1636.

-17.3657, -23.1636.

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

48.5243, -17.3657, -23.1636

Protanopia

48.3175, 2.4098, -16.8513

Deuteranopia

48.3368, 3.5438, -25.1044



Tritanopia

48.6652, -23.3673, -10.3839

Trichromacy



Original Color

48.5243, -17.3657, -23.1636

Protanomaly

47.2059, -8.5497, -21.3568

Deuteranomaly

47.3725, -7.2716, -26.3260

Tritanomaly

48.6389, -21.2297, -14.9656

Monochromacy



Original Color

48.5243, -17.3657, -23.1636

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

40.3976, -12.0841, -7.8865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5243, -17.3657, -23.1636 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, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 145, 180)  
}
```

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, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 145, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5243, -17.3657, -23.1636 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, 145, 180) }
```


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

```
.border{ border-color:rgb(0, 145, 180) }
```

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

Here you see how a box with a 4 pixel rgb(0, 145, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 145,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5243, -17.3657, -23.1636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 145, 180) }
```

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

```
.background{ background-color: rgb(0, 145,  
180) }
```

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](#).

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