

Converting Colors

HunterLab(50.3242, -23.1657,
1.9816)

Have a look what the booklet for
HunterLab(50.3242, -23.1657,
1.9816) contains.

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Color

**HunterLab(50.3358,
-23.1025, 1.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	47978B
RGB	71, 151, 139
RGB Percent	28%, 59%, 55%
CMY	0.7216, 0.4078, 0.4549
CMYK	0.53, 0.00, 0.08, 0.41
HSL	171°, 36%, 44%
HSV	171°, 53%, 59%
XYZ	18.3254, 25.3369, 28.3508
YIQ	125.7120, -43.8280, -20.6920

Conversions

Conversions Part 2

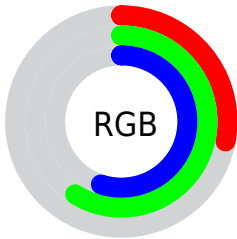
Format	Color
R_{YB}	71, 114, 151
Decimal	4691851
CIE _{Lab}	57.40, -27.54, -1.16
CIE _{LCh}	57, 27.562, 182.403
Yxy	25.3379, 0.2545, 0.3518
Android (android.graphics.Color)	4282881931 (0xFF47978B)
YUV	125.7120, 6.5510, -47.9824
Hunter-Lab	50.3358, -23.1025, 1.8410

Details

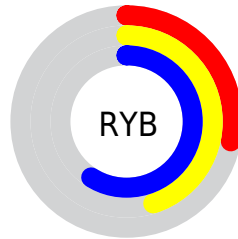
The HunterLab color **50.3358, -23.1025, 1.8410** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **34.2215, 26.5836, 7.3723**, and the grayscale version is **45.5526, -2.4306, 2.4750**.

A 20% lighter version of the original color is **72.3768, -27.5406, 3.2640**, and **31.3618, -18.6823, 1.1303** is the 20% darker color. If you saturate the color by 10%, you get **49.7701, -25.4497, 2.1469**, and if you desaturate by 10%, it is **51.0377, -20.2703, 1.6996**.

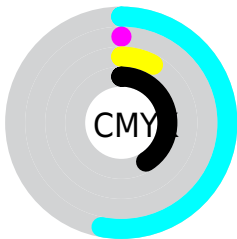
Distribution



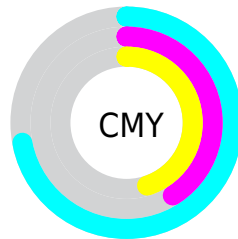
- Red (28%)
- Green (59%)
- Blue (55%)



- Red (28%)
- Yellow (45%)
- Blue (59%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (72%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3358, -23.1025, 1.8410 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 50.3358, -23.1025, 1.8410 by changing the saturation by 10% instead.

■ 50.3358, -23.1025,
1.8410

■ 50.3358, -23.1025,
1.8410

167.1875,
-40.9160, 7.7669

■ 40.4092, -20.8645,
1.3635

■ 72.2530, -27.3318,
2.9216

■ 31.2366, -18.5037,
0.9315

■ 84.1616, -29.3599,
3.5178

■ 22.8874, -15.9693,
0.5507

■ 96.6609, -31.3471,
4.1485

■ 15.4524, -13.1742,
0.2285

■ 109.7243,
-33.3022, 4.8121

■ 9.0531, -13.7382,
-0.0365

■ 123.3282,
-35.2318, 5.5070

0.0000, NaN, NaN

137.4521,

0.0000, NaN, NaN

-37.1412, 6.2319

0.0000, NaN, NaN

152.0774,
-39.0348, 6.9855

0.0000, NaN, NaN

■ 50.3358, -23.1025,
1.8410

■ 50.3358, -23.1025,
1.8410

■ 49.7701, -25.4497,
2.1469

■ 51.0377, -20.2703,
1.6996

■ 49.3314, -27.3154,
2.6050

■ 51.8767, -16.9605,
1.7271

■ 49.0116, -28.7206,
3.2010

■ 52.8555, -13.1933,
1.9263

■ 48.7982, -29.7047,
3.9152

■ 53.9739, -8.9971,
2.2960

■ 48.6845, -30.2510,
4.4517

■ 55.2304, -4.4064,
2.8318

■ 56.6221, 0.5404,
3.5269

■ 58.1450, 5.8035,
4.3727

■ 59.7944, 11.3432,
5.3594

■ 61.5651, 17.1215,
6.4763

Harmonies

Analogous

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



50.3368, -20.9801, 11.6163



50.3358, -23.1025, 1.8410



50.3368, -20.1801, -10.0165

Triad

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



50.3368, -23.1029, 1.8416



50.3368, 9.8383, -18.6833



50.3368, 8.0733, 18.1576

Complementary

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



50.3358, -23.1025, 1.8410



34.2215, 26.5836, 7.3723

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.



50.3368, 17.5749, 12.8409



50.3358, -23.1025, 1.8410



50.3368, 18.6570, -8.1209

Square

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



50.3368, -23.1029, 1.8416



50.3368, -1.7494, -23.4227



50.3368, 21.6074, 3.6220



50.3368, -3.6209, 19.6714

Rectangle

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



50.3358, -23.1025, 1.8410



50.3368, -15.5943, -17.1514



50.3368, 21.6074, 3.6220



50.3368, 11.6646, 16.8260

Sweetspot

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



50.3368, -23.1029, 1.8416



71.7077, -13.9776, 2.8821



49.4868, -29.2833, 22.8381



34.0511, -7.1702, 1.3283



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.3368, -23.1029, 1.8416



66.4529, -34.6883, 2.9967



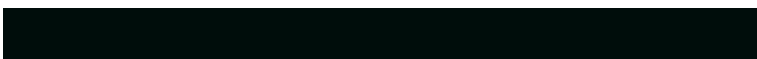
42.5134, -9.5929, -14.8048



26.4776, -3.5624, 1.2052



44.9069, -27.8792, 4.0534



5.5253, -3.2010, 0.0040

Inverse Universe

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



34.2215, 26.5836, 7.3723



41.2065, 44.4815, 12.4000



39.6336, 12.7774, 15.7272



24.9741, 0.9288, 1.6499



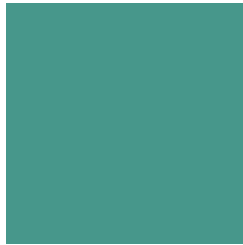
23.7729, 40.9401, 13.5911



2.9643, 5.2178, 0.8193

Previews

White Background



This preview shows how the HunterLab color 50.3358, -23.1025, 1.8410 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 50.3358, -23.1025, 1.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

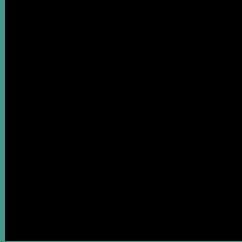
Any Text WCAG AA ✓ Pass

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 50.3358, -23.1025, 1.8410 Background



This preview shows how black text looks on a background with the HunterLab color 50.3358, -23.1025, 1.8410.



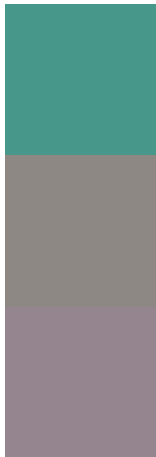
This preview shows how white text looks on a background with the HunterLab color 50.3358,

-23.1025, 1.8410.

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

50.3358, -23.1025, 1.8410

Protanopia

49.9097, -1.9167, 5.2121

Deuteranopia

50.0541, 3.5495, 0.1236



Tritanopia

50.3364, -16.8931, -8.4521

Trichromacy



Original Color

50.3358, -23.1025, 1.8410

Protanomaly

49.4813, -10.7267, 3.2772

Deuteranomaly

49.7013, -7.9428, -0.0417

Tritanomaly

50.2571, -19.3424, -4.4153

Monochromacy



Original Color

50.3358, -23.1025, 1.8410

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.9370, -11.0068, 1.6057

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3358, -23.1025, 1.8410 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(71, 151, 139)` looks like.

```
.text, #text, p{  
    color:rgb(71, 151, 139)  
}
```

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(71, 151, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 151, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3358, -23.1025, 1.8410 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(71, 151, 139) }
```


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

```
.border{ border-color:rgb(71, 151, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 151, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 151, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 151, 139);  
box-shadow:4px 4px 4px 4px rgb(71, 151,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3358, -23.1025, 1.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 151, 139) }
```

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

```
.background{ background-color: rgb(71, 151,  
139) }
```

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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