

Converting Colors

HunterLab(50.1191, -23.8353,
7.7049)

Have a look what the booklet for
HunterLab(50.1191, -23.8353,
7.7049) contains.

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Color

**HunterLab(49.9988,
-23.5353, 7.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	50967D
RGB	80, 150, 125
RGB Percent	31%, 59%, 49%
CMY	0.6863, 0.4118, 0.5098
CMYK	0.47, 0.00, 0.17, 0.41
HSL	159°, 30%, 45%
HSV	159°, 47%, 59%
XYZ	17.9163, 24.9988, 23.2829
YIQ	126.2200, -33.6950, -22.6150

Conversions

Conversions Part 2

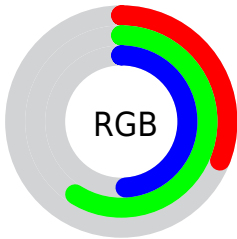
Format	Color
RYB	80, 123, 150
Decimal	5281405
CIELab	57.08, -28.29, 6.39
CIELCh	57, 29.003, 167.266
Yxy	24.9998, 0.2706, 0.3776
Android (android.graphics.Color)	4283471485 (0xFF50967D)
YUV	126.2200, -0.6015, -40.5349
Hunter-Lab	49.9988, -23.5353, 7.3896

Details

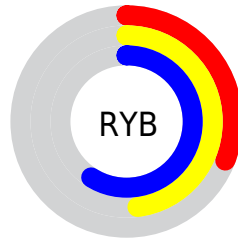
The HunterLab color $49.9988, -23.5353, 7.3896$ is a dark color, and the websafe version is hex 339999 . A complement of this color would be $36.3894, 24.5985, 1.0768$, and the grayscale version is $45.7756, -2.4425, 2.4871$.

A 20% lighter version of the original color is $72.0163, -28.0244, 9.2092$, and $31.0679, -18.9351, 5.7638$ is the 20% darker color. If you saturate the color by 10%, you get $49.2797, -26.6348, 8.6570$, and if you desaturate by 10%, it is $50.8605, -19.9380, 6.2243$.

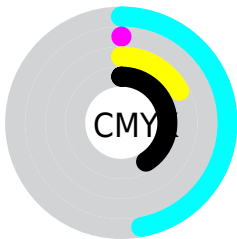
Distribution



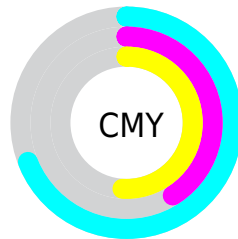
- Red (31%)
- Green (59%)
- Blue (49%)



- Red (31%)
- Yellow (48%)
- Blue (59%)



- Cyan (47%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)



- Cyan (69%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9988, -23.5353, 7.3896 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 49.9988, -23.5353, 7.3896 by changing the saturation by 10% instead.

■ 49.9988, -23.5353,
7.3896

■ 49.9988, -23.5353,
7.3896

166.6844,
-41.6917, 16.2478

■ 40.0960, -21.2439,
6.4845

■ 71.8727, -27.8582,
9.2397

■ 30.9493, -18.8229,
5.5865

■ 83.7615, -29.9280,
10.1877

■ 22.6284, -16.2192,
4.6888

■ 96.2419, -31.9544,
11.1528

■ 15.2254, -13.3410,
3.7778

■ 109.2871,
-33.9464, 12.1355

■ 8.8503, -14.4014,
3.4761

■ 122.8737,
-35.9111, 13.1362

0.0000, NaN, NaN

136.9808,

0.0000, NaN, NaN

-37.8540, 14.1551

0.0000, NaN, NaN

151.5899,
-39.7797, 15.1923

0.0000, NaN, NaN

■ 49.9988, -23.5353,
7.3896

■ 49.9988, -23.5353,
7.3896

■ 49.2797, -26.6348,
8.6570

■ 50.8605, -19.9380,
6.2243

■ 48.6961, -29.2234,
10.0078

■ 51.8635, -15.8647,
5.1732

■ 48.2426, -31.3051,
11.4225

■ 53.0085, -11.3488,
4.2473

■ 47.9093, -32.9016,
12.8788

■ 54.2937, -6.4293,
3.4539

■ 47.6778, -34.0765,
14.3469

■ 55.7158, -1.1490,
2.7968

■ 47.6088, -34.4326,
14.8232

■ 57.2707, 4.4484,
2.2770

■ 58.9533, 10.3199,
1.8931

■ 60.7581, 16.4247,
1.6418

■ 62.6793, 22.7254,
1.5180

Harmonies

Analogous

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



49.9998, -18.7445, 15.6085



49.9988, -23.5353, 7.3896



49.9998, -23.1378, -4.3568

Triad

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



49.9998, -23.5359, 7.3902



49.9998, 4.4763, -23.5875



49.9998, 14.2455, 16.4824

Complementary

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



49.9988, -23.5353, 7.3896



36.3894, 24.5985, 1.0768

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.



49.9998, 21.7320, 8.8960



49.9988, -23.5353, 7.3896



49.9998, 15.7316, -14.8913

Square

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



49.9998, -23.5359, 7.3902



49.9998, -7.7318, -24.2689



49.9998, 22.3005, -2.4456



49.9998, 2.6004, 19.9479

Rectangle

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



49.9998, -23.5353, 7.3896



49.9998, -19.9863, -12.7449



49.9998, 22.3005, -2.4456



49.9998, 17.3784, 14.4253

Sweetspot

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



49.9998, -23.5359, 7.3902



70.8091, -13.5606, 5.3741



50.4348, -23.6368, 21.7415



33.1823, -6.9707, 2.6332



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.9998, -23.5359, 7.3902



65.4267, -35.5469, 11.5765



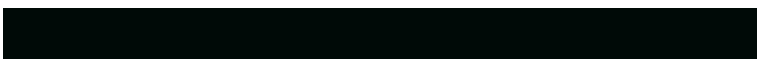
47.8122, -15.3886, -6.5901



25.5488, -3.6496, 1.7243



43.3638, -31.3129, 13.3945



4.8559, -3.1075, 0.6387

Inverse Universe

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



36.3894, 24.5985, 1.0768



44.0896, 40.6854, 2.2218



37.7680, 17.2131, 11.6589



24.1818, 1.0951, 1.0370



23.6664, 41.4729, 7.9793



2.7167, 4.9463, -0.5225

Previews

White Background



This preview shows how the HunterLab color 49.9988, -23.5353, 7.3896 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 49.9988, -23.5353, 7.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

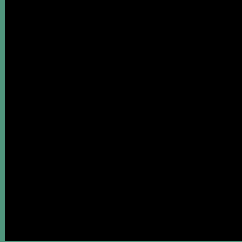
Any Text WCAG AA ✓ Pass

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 49.9988, -23.5353, 7.3896 Background



This preview shows how black text looks on a background with the HunterLab color 49.9988, -23.5353, 7.3896.



This preview shows how white text looks on a background with the HunterLab color 49.9988,

-23.5353, 7.3896.

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

49.9988, -23.5353, 7.3896

Protanopia

49.7554, -3.1165, 10.1805

Deuteranopia

49.7623, 3.1754, 5.9736



Tritanopia

50.1158, -14.7419, -7.1145

Trichromacy



Original Color

49.9988, -23.5353, 7.3896

Protanomaly

49.4199, -11.6398, 8.5467

Deuteranomaly

49.4564, -8.1088, 5.8502

Tritanomaly

49.8901, -17.9604, -1.4077

Monochromacy



Original Color

49.9988, -23.5353, 7.3896

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.9952, -11.0754, 3.8617

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9988, -23.5353, 7.3896 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(80, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(80, 150, 125)  
}
```

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(80, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 150, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9988, -23.5353, 7.3896 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(80, 150, 125) }
```


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

```
.border{ border-color:rgb(80, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(80, 150,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9988, -23.5353, 7.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 150, 125) }
```

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

```
.background{ background-color: rgb(80, 150,  
125) }
```

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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