

Converting Colors

HunterLab(51.5731, -23.0894,
-8.5331)

Have a look what the booklet for
HunterLab(51.5731, -23.0894,
-8.5331) contains.

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Color

**HunterLab(51.6187,
-23.1969, -8.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	2D9BA3
RGB	45, 155, 163
RGB Percent	18%, 61%, 64%
CMY	0.8235, 0.3921, 0.3608
CMYK	0.72, 0.05, 0.00, 0.36
HSL	184°, 57%, 41%
HSV	184°, 72%, 64%
XYZ	19.4144, 26.6449, 38.7701
YIQ	123.0220, -68.1280, -20.8320

Conversions

Conversions Part 2

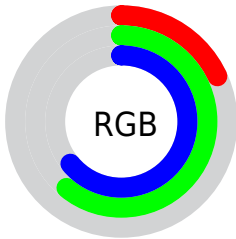
Format	Color
RYB	45, 102, 163
Decimal	2988963
CIELab	58.65, -27.28, -13.06
CIELCh	59, 30.243, 205.581
Yxy	26.6459, 0.2289, 0.3141
Android (android.graphics.Color)	4281179043 (0xFF2D9BA3)
YUV	123.0220, 19.7092, -68.4253
Hunter-Lab	51.6187, -23.1969, -8.3988

Details

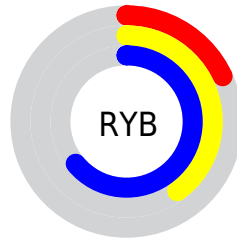
The HunterLab color **51.6187, -23.1969, -8.3988** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32.4390, 35.9601, 16.0794**, and the grayscale version is **44.4596, -2.3723, 2.4156**.

A 20% lighter version of the original color is **73.7607, -27.4219, -8.3459**, and **32.9366, -15.8032, -7.0532** is the 20% darker color. If you saturate the color by 10%, you get **50.9693, -23.8886, -9.3188**, and if you desaturate by 10%, it is **52.4015, -22.0050, -7.3015**.

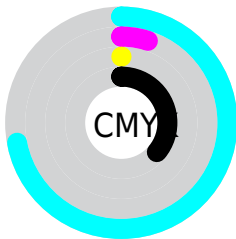
Distribution



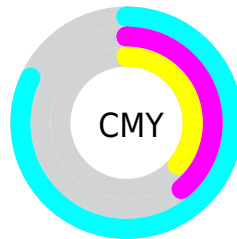
- Red (18%)
- Green (61%)
- Blue (64%)



- Red (18%)
- Yellow (40%)
- Blue (64%)



- Cyan (72%)
- Magenta (5%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6187, -23.1969, -8.3988 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 51.6187, -23.1969, -8.3988 by changing the saturation by 10% instead.

■ 51.6187, -23.1969,
-8.3988

■ 51.6187, -23.1969,
-8.3988

169.0972,
-40.8584, -6.5644

■ 41.6022, -20.9883,
-8.3246

■ 73.6988, -27.3789,
-8.3490

■ 32.3326, -18.6636,
-8.1777

■ 85.6824, -29.3876,
-8.2368

■ 23.8767, -16.1755,
-7.9513

■ 98.2531, -31.3575,
-8.0718

■ 16.3221, -13.4439,
-7.6431

■ 111.3848,
-33.2968, -7.8577

■ 9.7929, -12.6945,
-7.2703

■ 125.0544,
-35.2119, -7.5973

0.0000, NaN, -NF

0.0000, NaN, NaN

139.2415,

-37.1079, -7.2935

0.0000, NaN, NaN

153.9279,
-38.9890, -6.9485

0.0000, NaN, NaN

■ 51.6187, -23.1969,
-8.3988

■ 51.6187, -23.1969,
-8.3988

■ 50.9693, -23.8886,
-9.3188

■ 52.4015, -22.0050,
-7.3015

■ 50.4381, -24.1204,
-10.0746

■ 53.3230, -20.2933,
-6.0263

■ 50.0850, -24.0990,
-10.5790

■ 54.3887, -18.0593,
-4.5756

■ 55.6008, -15.3142,
-2.9572

■ 56.9592, -12.0801,
-1.1823

■ 58.4621, -8.3872,
0.7357

■ 60.1061, -4.2708,
2.7820

■ 61.8871, 0.2307,
4.9418

■ 63.7997, 5.0783,
7.2004

Harmonies

Analogous

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



51.6197, -25.1441, 4.5873



51.6187, -23.1969, -8.3988



51.6197, -15.9876, -20.5693

Triad

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



51.6197, -23.1970, -8.3980



51.6197, 19.2357, -12.3110



51.6197, -0.8405, 21.1733

Complementary

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



51.6187, -23.1969, -8.3988



32.4390, 35.9601, 16.0794

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.



51.6197, 11.9568, 18.6754



51.6187, -23.1969, -8.3988



51.6197, 24.2450, 0.9668

Square

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



51.6197, -23.1970, -8.3980



51.6197, 8.3450, -23.1885



51.6197, 21.4599, 11.9591



51.6197, -12.9935, 19.8255

Rectangle

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



51.6187, -23.1969, -8.3988



51.6197, -8.7638, -25.5138



51.6197, 21.4599, 11.9591



51.6197, 3.5375, 20.7769

Sweetspot

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



51.6197, -23.1970, -8.3980



76.2216, -16.1752, -1.5870



51.9699, -40.0468, 27.4973



35.8933, -8.2191, -1.0492



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.6197, -23.1970, -8.3980



67.7495, -32.2294, -13.1249



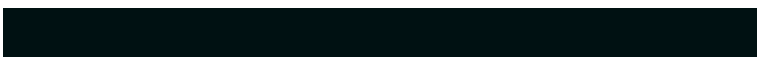
34.0490, 2.7412, -39.3092



28.1579, -3.4128, 0.6501



44.1838, -21.2822, -9.2837



6.5803, -3.2998, -1.1015

Inverse Universe

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



34.6851, 52.3122, -30.7215



43.4558, 79.1494, -45.6974



44.1995, 8.9061, 24.0602



26.8214, 1.9347, -0.6675



27.9551, 54.1814, -30.8301



4.0806, 7.9525, -4.8389

Previews

White Background



This preview shows how the HunterLab color 51.6187, -23.1969, -8.3988 looks on a white background.

Color Contrast Check

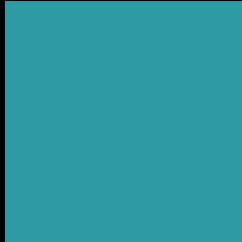
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6187, -23.1969, -8.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

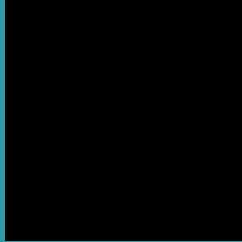
Any Text WCAG AA ✓ Pass

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 51.6187, -23.1969, -8.3988 Background



This preview shows how black text looks on a background with the HunterLab color 51.6187, -23.1969, -8.3988.



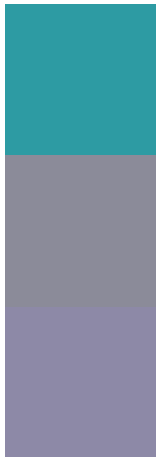
This preview shows how white text looks on a background with the HunterLab color 51.6187,

-23.1969, -8.3988.

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

51.6187, -23.1969, -8.3988

Protanopia

51.2388, -0.3814, -3.3061

Deuteranopia

51.3265, 3.7480, -10.5388



Tritanopia

51.5069, -21.6938, -10.7251

Trichromacy



Original Color

51.6187, -23.1969, -8.3988

Protanomaly

50.6837, -11.0860, -6.2778

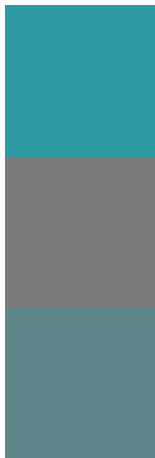
Deuteranomaly

50.7581, -8.6462, -11.0149

Tritanomaly

51.4478, -21.9930, -10.2587

Monochromacy



Original Color

51.6187, -23.1969, -8.3988

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.4713, -12.2978, -2.2572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6187, -23.1969, -8.3988 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(45, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(45, 155, 163)  
}
```

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(45, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 155, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6187, -23.1969, -8.3988 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(45, 155, 163) }
```


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

```
.border{ border-color:rgb(45, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(45, 155,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6187, -23.1969, -8.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 155, 163) }
```

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

```
.background{ background-color: rgb(45, 155,  
163) }
```

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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