

Converting Colors

HunterLab(23.1978, 0.7924,
-4.2426)

Have a look what the booklet for
HunterLab(23.1978, 0.7924, -4.2426)
contains.

HunterLab(23.2823, 0.5017, -3.9998)	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(23.2823, 0.5017,
-3.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	40414E
RGB	64, 65, 78
RGB Percent	25%, 25%, 31%
CMY	0.7490, 0.7451, 0.6941
CMYK	0.18, 0.17, 0.00, 0.69
HSL	236°, 10%, 28%
HSV	236°, 18%, 31%
XYZ	5.3798, 5.4207, 7.9705
YIQ	66.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

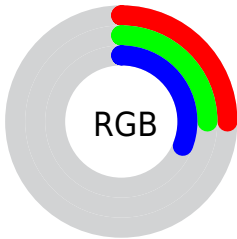
Format	Color
RYB	64, 65, 78
Decimal	4211022
CIELab	27.90, 2.75, -7.97
CIELCh	28, 8.432, 289.008
Yxy	5.4209, 0.2866, 0.2888
Android (android.graphics.Color)	4282401102 (0xFF40414E)
YUV	66.1830, 5.8258, -1.9145
Hunter-Lab	23.2823, 0.5017, -3.9998

Details

The HunterLab color **23.2823, 0.5017, -3.9998** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **27.0141, -2.8631, 5.9498**, and the grayscale version is **23.3870, -1.2479, 1.2707**.

A 20% lighter version of the original color is **40.9723, -0.1750, -3.8115**, and **9.4219, 0.6457, -3.7064** is the 20% darker color. If you saturate the color by 10%, you get **20.9726, 1.7531, -7.4227**, and if you desaturate by 10%, it is **25.6642, -0.6353, -0.8487**.

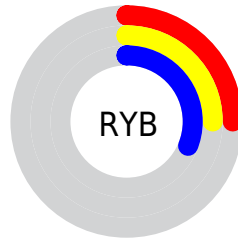
Distribution



Red (25%)

Green (25%)

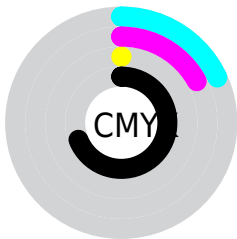
Blue (31%)



Red (25%)

Yellow (25%)

Blue (31%)

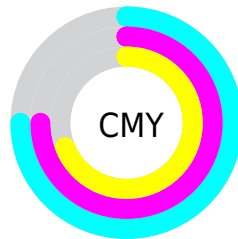


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (69%)



Cyan (75%)

Magenta (75%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2823, 0.5017, -3.9998 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 23.2823, 0.5017, -3.9998 by changing the saturation by 10% instead.

■ 23.2823, 0.5017,
-3.9998

■ 23.2823, 0.5017,
-3.9998

■ 124.0201, -3.6063,
-1.8327

■ 15.7996, 0.6960,
-3.9082

■ 40.8866, -0.0882,
-3.9285

■ 9.3529, 0.8043,
-3.7169

■ 50.8504, -0.4654,
-3.7871

0.0000, NaN, -NF

■ 61.5133, -0.8899,
-3.5853

0.0000, NaN, NaN

■ 72.8321, -1.3578,
-3.3285

0.0000, NaN, NaN

■ 84.7709, -1.8658,
-3.0215

0.0000, NaN, NaN

■ 97.2990, -2.4112,

0.0000, NaN, NaN

-2.6678

0.0000, NaN, NaN

110.3898, -2.9920,
-2.2707

■ 23.2823, 0.5017,
-3.9998

■ 23.2823, 0.5017,
-3.9998

■ 20.9726, 1.7531,
-7.4227

■ 25.6642, -0.6353,
-0.8487

■ 18.7454, 3.1511,
-11.1918

■ 28.1081, -1.6808,
2.0867

■ 16.6166, 4.7342,
-15.3965

■ 30.6076, -2.6539,
4.8515

■ 14.6076, 6.5482,
-20.1397

■ 33.1573, -3.5689,
7.4802

■ 12.7484, 8.6387,
-25.5154

■ 35.7528, -4.4370,
10.0001

■ 11.0804, 11.0282,
-31.5474

■ 38.3905, -5.2670,
12.4321

■ 9.6595, 13.6604,
-38.0501

■ 41.0673, -6.0658,
14.7932

■ 8.4481, 16.3145,
-45.0941

■ 43.7807, -6.8390,
17.0966

■ 8.1922, 16.9460,
-46.8210

■ 46.5285, -7.5910,
19.3530

Harmonies

Analogous

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



23.2828, -2.2418, -4.2222



23.2823, 0.5017, -3.9998



23.2828, 2.8775, -2.2740

Triad

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



23.2828, 0.5013, -3.9994



23.2828, 2.3222, 4.7488



23.2828, -6.2034, 2.2049

Complementary

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



23.2823, 0.5017, -3.9998



27.0141, -2.8631, 5.9498

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.



23.2828, -5.0965, 4.3272



23.2823, 0.5017, -3.9998



23.2828, -0.2282, 5.6786

Square

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



23.2828, 0.5013, -3.9994



23.2828, 3.9620, 2.8447



23.2828, -2.9385, 5.5337



23.2828, -6.0284, -0.4287

Rectangle

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



23.2823, 0.5017, -3.9998



23.2828, 3.8941, -0.6048



23.2828, -2.9385, 5.5337



23.2828, -5.9710, 2.9959

Sweetspot

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



23.2828, 0.5013, -3.9994



34.7758, -1.2313, -0.0243



26.5939, -5.1089, 0.7126



17.2999, -0.5889, -0.0841



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



23.2828, 0.5013, -3.9994



29.2489, 1.4458, -7.4328



23.4795, 2.4149, -3.6908



12.9356, -0.2844, -0.5362



10.5717, 23.3300, -63.5764



24.6331, 61.2698, -163.0531

Inverse Universe

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



23.8082, 2.7922, 2.2645



30.1570, 5.2757, 3.3065



26.8388, -4.8358, 5.7377



13.0572, 0.2771, 0.9364



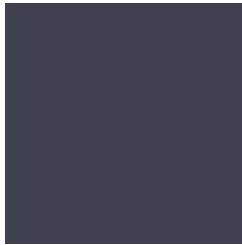
16.8546, 28.9588, 10.1560



40.9622, 70.2434, 25.7376

Previews

White Background



This preview shows how the HunterLab color 23.2823, 0.5017, -3.9998 looks on a white 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 23.2823, 0.5017, -3.9998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

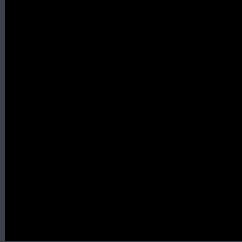
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.2823, 0.5017, -3.9998 Background



This preview shows how black text looks on a background with the HunterLab color 23.2823, 0.5017, -3.9998.



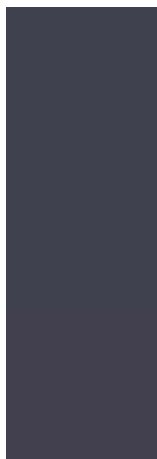
This preview shows how white text looks on a background with the HunterLab color 23.2823, 0.5017, -3.9998.

-3.9998.

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

23.2823, 0.5017, -3.9998

Protanopia

23.2108, 0.2581, -4.1046

Deuteranopia

23.1843, 1.4290, -4.1215



Tritanopia

23.2554, -1.2790, -0.8908

Trichromacy



Original Color

23.2823, 0.5017, -3.9998

Protanomaly

23.2108, 0.2581, -4.1046

Deuteranomaly

23.1099, 1.1784, -4.2311

Tritanomaly

23.3401, -0.8156, -2.0895

Monochromacy



Original Color

23.2823, 0.5017, -3.9998

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

23.3719, -0.9291, -0.3138

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2823, 0.5017, -3.9998 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(64, 65, 78)` looks like.

```
.text, #text, p{  
    color:rgb(64, 65, 78)  
}
```

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(64, 65, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 65, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2823, 0.5017, -3.9998 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(64, 65, 78) }
```


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

```
.border{ border-color:rgb(64, 65, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 65, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 65, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 65, 78);  
box-shadow:4px 4px 4px 4px rgb(64, 65, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.2823, 0.5017, -3.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 65, 78) }
```

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

```
.background{ background-color: rgb(64, 65,  
78) }
```

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