

Converting Colors

HunterLab(23.2857, 27.3686,
2.1047)

Have a look what the booklet for
HunterLab(23.2857, 27.3686,
2.1047) contains.

HunterLab(23.2923, 27.6053, 2.1059)	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(23.2923, 27.6053,
2.1059)**

Conversions

Conversions Part 1

Format	Color
Hex	752441
RGB	117, 36, 65
RGB Percent	46%, 14%, 25%
CMY	0.5412, 0.8588, 0.7451
CMYK	0.00, 0.69, 0.44, 0.54
HSL	339°, 53%, 30%
HSV	339°, 69%, 46%
XYZ	8.9211, 5.4253, 5.5780
YIQ	63.5250, 38.9670, 26.1910

Conversions

Conversions Part 2

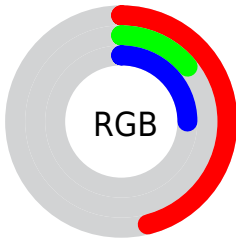
Format	Color
RYB	117, 36, 65
Decimal	7676993
CIELab	27.91, 37.94, 1.43
CIELCh	28, 37.971, 2.165
Yxy	5.4256, 0.4477, 0.2723
Android (android.graphics.Color)	4285867073 (0xFF752441)
YUV	63.5250, 0.7272, 46.8976
Hunter-Lab	23.2923, 27.6053, 2.1059

Details

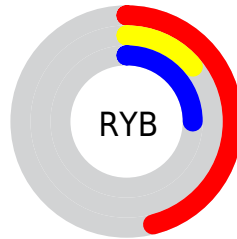
The HunterLab color **23.2923, 27.6053, 2.1059** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.1515, -22.4910, 7.7631**, and the grayscale version is **22.4663, -1.1987, 1.2206**.

A 20% lighter version of the original color is **40.7658, 30.7779, 2.9366**, and **10.7324, 18.9560, 2.4670** is the 20% darker color. If you saturate the color by 10%, you get **21.7902, 30.8404, 3.2596**, and if you desaturate by 10%, it is **25.1919, 23.7056, 1.3020**.

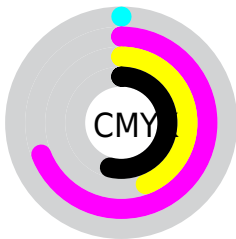
Distribution



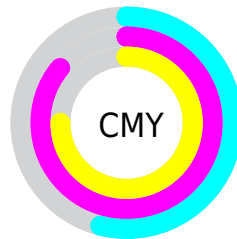
- Red (46%)
- Green (14%)
- Blue (25%)



- Red (46%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (69%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2923, 27.6053, 2.1059 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 23.2923, 27.6053, 2.1059 by changing the saturation by 10% instead.

■ 23.2923, 27.6053,
2.1059

■ 23.2923, 27.6053,
2.1059

■ 124.0378, 37.6634,
8.2350

■ 15.8085, 25.9305,
1.5933

■ 40.8989, 30.6164,
3.2440

■ 9.3604, 24.2863,
1.1448

■ 50.8636, 31.9333,
3.8650

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.5273, 33.1323,
4.5189

0.0000, NaN, NaN

■ 72.8470, 34.2227,
5.2041

0.0000, NaN, NaN

■ 84.7865, 35.2134,
5.9194

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.3153, 36.1126,

110.4068, 36.9272,
7.4358

23.2923, 27.6053,
2.1059

23.2923, 27.6053,
2.1059

21.7902, 30.8404,
3.2596

25.1919, 23.7056,
1.3020

20.7119, 33.1330,
4.7118

27.4429, 19.4242,
0.8437

19.9300, 34.7331,
6.2416

29.9977, 14.9718,
0.6977

19.8702, 34.8654,
6.3504

32.8111, 10.4863,
0.8181

35.8438, 6.0456,
1.1590

■ 39.0635, 1.6870,
1.6800

■ 42.4434, -2.5768,
2.3478

■ 45.9622, -6.7466,
3.1356

■ 49.6026, -10.8298,
4.0224

Harmonies

Analogous

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



23.2929, 23.7377, -11.9622



23.2923, 27.6053, 2.1059



23.2929, 22.5002, 10.3824

Triad

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



23.2929, 27.6035, 2.1065



23.2929, -12.6009, 13.4393



23.2929, -11.3410, -28.9215

Complementary

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



23.2923, 27.6053, 2.1059



37.1515, -22.4910, 7.7631

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.



23.2929, -18.1511, -14.2775



23.2923, 27.6053, 2.1059



23.2929, -18.7647, 9.5509

Square

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



23.2929, 27.6035, 2.1065



23.2929, -2.1358, 14.4926



23.2929, -20.5638, 0.3969



23.2929, -0.3388, -34.5614

Rectangle

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



23.2923, 27.6053, 2.1059



23.2929, 15.2123, 12.9929



23.2929, -20.5638, 0.3969



23.2929, -14.1105, -24.6109

Sweetspot

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



23.2929, 27.6035, 2.1065



47.0017, 9.4578, 1.4220



21.4177, 27.5310, -32.9093



22.1206, 5.1367, 0.6310



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



23.2929, 27.6035, 2.1065



28.2357, 43.2586, 5.4714



24.3449, 20.9172, 11.3015



19.2887, 0.7915, 0.8338



20.8502, 36.5722, 6.7630



45.8635, 80.1321, 17.3139

Inverse Universe

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



23.2929, 27.6035, 2.1065



28.2357, 43.2586, 5.4714



34.6540, -13.7023, -7.6803



19.2887, 0.7915, 0.8338



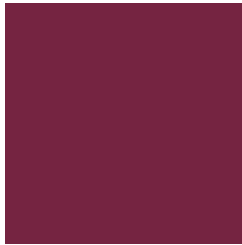
20.8502, 36.5722, 6.7630



45.8635, 80.1321, 17.3139

Previews

White Background



This preview shows how the HunterLab color 23.2923, 27.6053, 2.1059 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

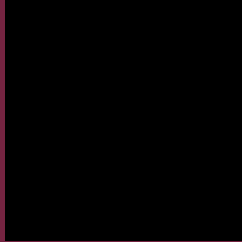
Any Text WCAG AA × Fail

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 23.2923, 27.6053, 2.1059 Background



This preview shows how black text looks on a background with the HunterLab color 23.2923, 27.6053, 2.1059.



This preview shows how white text looks on a background with the HunterLab color 23.2923, 27.6053,

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

23.2923, 27.6053, 2.1059

Protanopia

23.6172, 0.6885, -5.9798

Deuteranopia

23.7782, 1.2757, 3.6660



Tritanopia

23.3951, 23.3889, 9.0333

Trichromacy



Original Color

23.2923, 27.6053, 2.1059

Protanomaly

22.5681, 9.8445, -3.8845

Deuteranomaly

22.8260, 10.9084, 2.4185

Tritanomaly

23.2445, 24.7917, 6.7684

Monochromacy



Original Color

23.2923, 27.6053, 2.1059

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.0170, 8.5890, 0.6552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2923, 27.6053, 2.1059 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(117, 36, 65)` looks like.

```
.text, #text, p{  
    color:rgb(117, 36, 65)  
}
```

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(117, 36, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 36, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2923, 27.6053, 2.1059 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(117, 36, 65) }
```


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

```
.border{ border-color:rgb(117, 36, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 36, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 36, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 36, 65);  
box-shadow:4px 4px 4px 4px rgb(117, 36,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2923, 27.6053, 2.1059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 36, 65) }
```

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

```
.background{ background-color: rgb(117, 36,  
65) }
```

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