

Converting Colors

HunterLab(23.7986, 55.2228,
-96.8021)

Have a look what the booklet for
HunterLab(23.7986, 55.2228,
-96.8021) contains.

HunterLab(23.8429, 55.3458, -97.1043)	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(23.8429, 55.3458,
-97.1043)**

Conversions

Conversions Part 1

Format	Color
Hex	5B00B8
RGB	91, 0, 184
RGB Percent	36%, 0%, 72%
CMY	0.6431, 1.0000, 0.2784
CMYK	0.51, 1.00, 0.00, 0.28
HSL	270°, 100%, 36%
HSV	270°, 100%, 72%
XYZ	12.9661, 5.6848, 45.7613
YIQ	48.1850, -4.8280, 76.5160

Conversions

Conversions Part 2

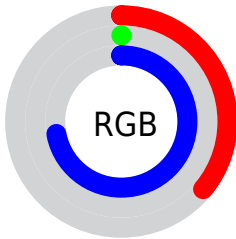
Format	Color
R_{YB}	91, 0, 184
Decimal	5963960
CIE _{Lab}	28.60, 65.14, -72.91
CIE _{LCh}	29, 97.767, 311.778
Yxy	5.6851, 0.2013, 0.0883
Android (android.graphics.Color)	4284154040 (0xFF5B00B8)
YUV	48.1850, 66.9568, 37.5488
Hunter-Lab	23.8429, 55.3458, -97.1043

Details

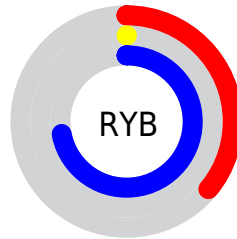
The HunterLab color **23.8429, 55.3458, -97.1043** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **60.5046, -41.9986, 36.5474**, and the grayscale version is **17.0396, -0.9092, 0.9258**.

A 20% lighter version of the original color is **41.6059, 59.4577, -91.9122**, and **12.9867, 34.4444, -86.2139** is the 20% darker color. If you saturate the color by 10%, you get **23.8434, 55.3464, -97.1021**, and if you desaturate by 10%, it is **25.7548, 53.0950, -87.5950**.

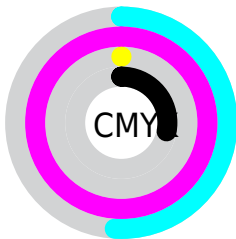
Distribution



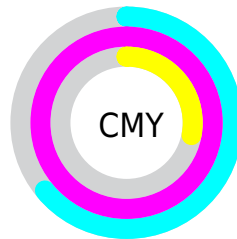
- Red (36%)
- Green (0%)
- Blue (72%)



- Red (36%)
- Yellow (0%)
- Blue (72%)



- Cyan (51%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8429, 55.3458, -97.1043 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 23.8429, 55.3458, -97.1043 by changing the saturation by 10% instead.

■ 23.8429, 55.3458,
-97.1043

■ 23.8429, 55.3458,
-97.1043

■ 124.9965, 73.0691,
-95.6417

■ 16.2928, 53.4628,
-103.9902

■ 41.5622, 59.7408,
-92.4367

■ 9.7681, 52.6119,
-119.8826

■ 51.5766, 61.9190,
-91.9672

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.2868, 64.0171,
-92.0607

0.0000, NaN, -NF

■ 73.6503, 66.0209,
-92.4941

0.0000, NaN, -NF

■ 85.6314, 67.9264,
-93.1365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.1998, 69.7341,

-93.9069

111.3291, 71.4471,
-94.7535

23.8429, 55.3458,
-97.1043

23.8429, 55.3458,
-97.1043

23.8434, 55.3464,
-97.1021

25.7548, 53.0950,
-87.5950

28.3920, 48.9461,
-76.3458

31.8233, 43.1524,
-64.1223

35.9304, 36.5128,
-52.0501

40.5906, 29.5742,
-40.7090

■ 45.6989, 22.6303,
-30.2786

■ 51.1729, 15.8100,
-20.7313

■ 56.9499, 9.1532,
-11.9584

■ 62.9821, 2.6582,
-3.8335

Harmonies

Analogous

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



23.8434, 12.6764, -157.3678



23.8429, 55.3458, -97.1043



23.8434, 90.2179, -25.3240

Triad

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



23.8434, 55.3464, -97.1021



23.8434, 21.2553, 16.6904



23.8434, -36.6851, -14.0641

Complementary

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



23.8429, 55.3458, -97.1043



60.5046, -41.9986, 36.5474

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.



23.8434, -36.1653, 13.3244



23.8429, 55.3458, -97.1043



23.8434, -12.6082, 16.6904

Square

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



23.8434, 55.3464, -97.1021



23.8434, 64.4063, 16.6904



23.8434, -30.0327, 16.6904



23.8434, -32.0487, -80.2974

Rectangle

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



23.8429, 55.3458, -97.1043



23.8434, 97.0744, 3.0486



23.8434, -30.0327, 16.6904



23.8434, -37.0527, -0.5966

Sweetspot

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



23.8434, 55.3464, -97.1021



68.5184, 21.7423, -28.5315



34.1426, 6.9084, -57.5884



30.3611, 11.8689, -15.6912



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



23.8434, 55.3464, -97.1021



31.8807, 74.2740, -131.9344



36.4368, 71.8967, -50.0786



29.8859, 1.0524, -1.5623



19.9000, 46.0643, -80.0468



4.2004, 9.1949, -12.8024

Inverse Universe

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



33.1370, 59.1329, 2.9266



44.5611, 79.4182, 4.7174



58.5670, -50.1343, 35.2110



30.1429, 1.6647, 0.7576



27.5355, 49.1853, 2.0577



5.2893, 9.6667, -1.2994

Previews

White Background



This preview shows how the HunterLab color 23.8429, 55.3458, -97.1043 looks on a white background.

Color Contrast Check

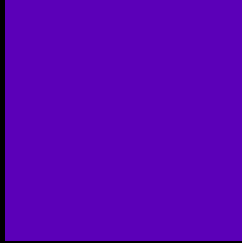
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8429, 55.3458, -97.1043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

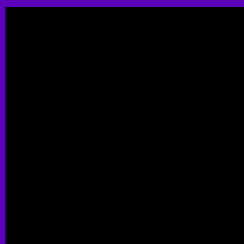
Any Text WCAG AA × Fail

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 23.8429, 55.3458, -97.1043 Background



This preview shows how black text looks on a background with the HunterLab color 23.8429, 55.3458, -97.1043.



This preview shows how white text looks on a background with the HunterLab color 23.8429, 55.3458, -97.1043.

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

23.8429, 55.3458, -97.1043

Protanopia

24.6723, 7.1026, -46.1708

Deuteranopia

24.5259, -0.9367, -28.6332



Tritanopia

24.7613, -3.5366, -1.6161

Trichromacy



Original Color

23.8429, 55.3458, -97.1043

Protanomaly

21.1788, 26.7969, -75.7799

Deuteranomaly

20.7146, 20.9519, -62.3906

Tritanomaly

21.3414, 18.9252, -32.4220

Monochromacy



Original Color

23.8429, 55.3458, -97.1043

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1261, 19.6623, -28.2551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8429, 55.3458, -97.1043 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(91, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(91, 0, 184)  
}
```

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(91, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 0, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8429, 55.3458, -97.1043 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(91, 0, 184) }
```


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

```
.border{ border-color:rgb(91, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(91, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(91, 0, 184)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.8429, 55.3458, -97.1043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 0, 184) }
```

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

```
.background{ background-color: rgb(91, 0,  
184) }
```

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