

Converting Colors

HunterLab(23.7177, 4.9858,
-40.4081)

Have a look what the booklet for
HunterLab(23.7177, 4.9858,
-40.4081) contains.

HunterLab(23.6429, 5.2968, -40.9858)	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(23.6429, 5.2968,
-40.9858)**

Conversions

Conversions Part 1

Format	Color
Hex	004285
RGB	0, 66, 133
RGB Percent	0%, 26%, 52%
CMY	0.9999, 0.7412, 0.4784
CMYK	1.00, 0.50, 0.00, 0.48
HSL	210°, 100%, 26%
HSV	210°, 100%, 52%
XYZ	6.1818, 5.5899, 22.9434
YIQ	53.9040, -60.8430, 6.8450

Conversions

Conversions Part 2

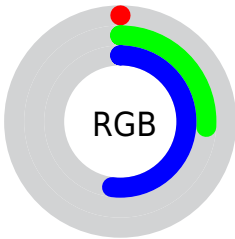
Format	Color
R _Y B	0, 44, 133
Decimal	17029
CIE Lab	28.35, 9.90, -42.54
CIE LCh	28, 43.679, 283.101
Yxy	5.5900, 0.1781, 0.1610
Android (android.graphics.Color)	4278207109 (0xFF004285)
YUV	53.9040, 38.9943, -47.2738
Hunter-Lab	23.6429, 5.2968, -40.9858

Details

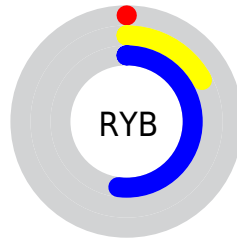
The HunterLab color **23.6429, 5.2968, -40.9858** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **30.0052, 16.9825, 18.7853**, and the grayscale version is **19.0629, -1.0171, 1.0357**.

A 20% lighter version of the original color is **41.2527, 5.7658, -42.0494**, and **11.4882, 9.5564, -34.9888** is the 20% darker color. If you saturate the color by 10%, you get **23.6407, 5.3012, -40.9926**, and if you desaturate by 10%, it is **25.5095, 2.7118, -35.8093**.

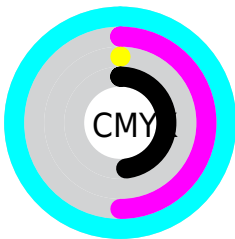
Distribution



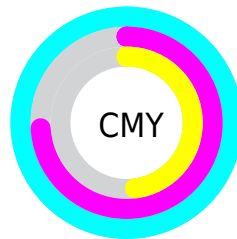
- Red (0%)
- Green (26%)
- Blue (52%)



- Red (0%)
- Yellow (17%)
- Blue (52%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (74%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.6429, 5.2968, -40.9858 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 23.6429, 5.2968, -40.9858 by changing the saturation by 10% instead.

■ 23.6429, 5.2968,
-40.9858

■ 23.6429, 5.2968,
-40.9858

■ 124.6485, 4.3755,
-46.1906

■ 16.1165, 4.9988,
-41.4983

■ 41.3212, 5.5709,
-41.7027

■ 9.6196, 4.5534,
-43.9350

■ 51.3176, 5.5799,
-42.3439

0.0000, INF, -NF

■ 62.0110, 5.5186,
-43.0318

0.0000, NaN, -NF

■ 73.3586, 5.3946,
-43.7233

0.0000, NaN, -NF

■ 85.3246, 5.2139,
-44.3952

0.0000, NaN, NaN

■ 97.8786, 4.9813,

0.0000, NaN, NaN

0.0000, NaN, NaN

-45.0346

0.0000, NaN, NaN

110.9943, 4.7008,
-45.6343

■ 23.6429, 5.2968,
-40.9858

■ 23.6429, 5.2968,
-40.9858

■ 23.6407, 5.3012,
-40.9926

■ 25.5095, 2.7118,
-35.8093

■ 27.5162, 0.5041,
-30.8501

■ 29.6900, -1.2058,
-26.0398

■ 32.0165, -2.4480,
-21.4079

■ 34.4810, -3.2664,
-16.9664

■ 37.0696, -3.7090,
-12.7147

■ 39.7696, -3.8220,
-8.6433

■ 42.5700, -3.6480,
-4.7384

■ 45.4611, -3.2243,
-0.9840

Harmonies

Analogous

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



23.6432, -8.7357, -39.9055



23.6429, 5.2968, -40.9858



23.6432, 20.6088, -26.8804

Triad

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



23.6432, 5.2976, -40.9852



23.6432, 22.3467, 13.0905



23.6432, -22.2377, 7.6971

Complementary

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



23.6429, 5.2968, -40.9858



30.0052, 16.9825, 18.7853

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.



23.6432, -17.2689, 13.5264



23.6429, 5.2968, -40.9858



23.6432, 7.2716, 15.3067

Square

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



23.6432, 5.2976, -40.9852



23.6432, 31.9161, 6.4810



23.6432, -7.1777, 15.4381



23.6432, -22.5242, -5.4421

Rectangle

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



23.6429, 5.2968, -40.9858



23.6432, 28.5915, -13.8665



23.6432, -7.1777, 15.4381



23.6432, -21.1255, 10.3252

Sweetspot

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



23.6432, 5.2976, -40.9852



52.9641, -5.1172, -11.9380



41.4423, -32.0956, 17.4875



24.5205, -2.4208, -6.5804



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



23.6432, 5.2976, -40.9852



31.1352, 8.0743, -56.3463



13.0153, 35.2922, -92.4487



22.1311, -1.5381, -0.3229



23.1075, 5.1061, -39.9051



1.8181, -0.4617, -1.2758

Inverse Universe

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



23.1955, 41.4144, 1.8432



30.9877, 55.2374, 3.2017



46.6495, -12.5294, 28.5252



21.7356, 1.0675, 0.6005



22.6406, 40.4343, 1.7498



1.3866, 2.5746, -0.6540

Previews

White Background



This preview shows how the HunterLab color 23.6429, 5.2968, -40.9858 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 23.6429, 5.2968, -40.9858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

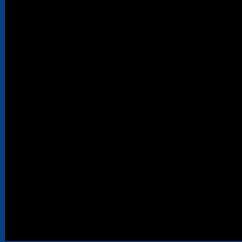
Any Text WCAG AA × Fail

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 23.6429, 5.2968, -40.9858 Background



This preview shows how black text looks on a background with the HunterLab color 23.6429, 5.2968, -40.9858.



This preview shows how white text looks on a background with the HunterLab color 23.6429, 5.2968, -40.9858.

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

23.6429, 5.2968, -40.9858

Protanopia

23.8037, 6.9447, -39.5842

Deuteranopia

23.6903, 0.1207, -29.8714



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.6429, 5.2968, -40.9858

Protanomaly

23.5918, 6.2780, -40.2149

Deuteranomaly

23.6958, 1.9885, -33.9104

Tritanomaly

23.5278, -6.5060, -15.3632

Monochromacy



Original Color

23.6429, 5.2968, -40.9858

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.9768, -1.5941, -12.0068

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.6429, 5.2968, -40.9858 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(0, 66, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 66, 133)  
}
```

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(0, 66, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 66, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 23.6429, 5.2968, -40.9858 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(0, 66, 133) }
```


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

```
.border{ border-color:rgb(0, 66, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 66, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 66, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 66, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 66, 133)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.6429, 5.2968, -40.9858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 66, 133) }
```

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

```
.background{ background-color: rgb(0, 66,  
133) }
```

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