

Converting Colors

HunterLab(14.8207, 5.0555,
-152.9663)

Have a look what the booklet for
HunterLab(14.8207, 5.0555,
-152.9663) contains.

HunterLab(23.3726, 27.2341, -88.0043)	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(23.3726, 27.2341,
-88.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	0033AF
RGB	0, 51, 175
RGB Percent	0%, 20%, 69%
CMY	0.9999, 0.8000, 0.3137
CMYK	1.00, 0.71, 0.00, 0.31
HSL	223°, 100%, 34%
HSV	223°, 100%, 69%
XYZ	8.9217, 5.4628, 41.1416
YIQ	49.8870, -70.2000, 27.7520

Conversions

Conversions Part 2

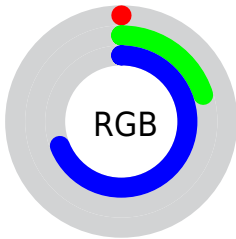
Format	Color
R _{YB}	0, 39, 175
Decimal	13231
CIE _{Lab}	28.01, 37.52, -68.70
CIE _{LCh}	28, 78.279, 298.639
Yxy	5.4629, 0.1607, 0.0984
Android (android.graphics.Color)	4278203311 (0xFF0033AF)
YUV	49.8870, 61.6807, -43.7509
Hunter-Lab	23.3726, 27.2341, -88.0043

Details

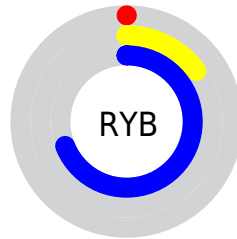
The HunterLab color **23.3726, 27.2341, -88.0043** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **48.5161, 6.6773, 30.0111**, and the grayscale version is **17.6417, -0.9413, 0.9585**.

A 20% lighter version of the original color is **40.9332, 30.6542, -84.8214**, and **12.8196, 27.4507, -75.2815** is the 20% darker color. If you saturate the color by 10%, you get **23.3680, 27.2477, -88.0278**, and if you desaturate by 10%, it is **26.1129, 21.1450, -75.6260**.

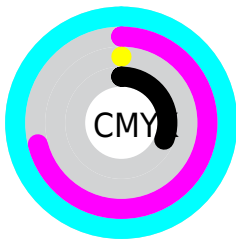
Distribution



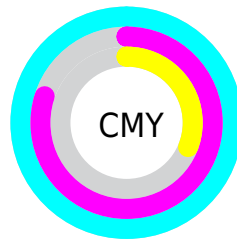
- Red (0%)
- Green (20%)
- Blue (69%)



- Red (0%)
- Yellow (15%)
- Blue (69%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (80%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3726, 27.2341, -88.0043 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 23.3726, 27.2341, -88.0043 by changing the saturation by 10% instead.

■ 23.3726, 27.2341,
-88.0043

■ 23.3726, 27.2341,
-88.0043

■ 124.1772, 37.1418,
-88.1172

■ 15.8786, 25.5766,
-93.8436

■ 40.9952, 30.2143,
-84.3364

■ 9.4195, 23.9334,
-107.7644

■ 50.9671, 31.5131,
-84.1113

0.0000, INF, -NF

0.0000, NaN, -NF

■ 61.6377, 32.6941,
-84.3613

0.0000, NaN, -NF

■ 72.9637, 33.7670,
-84.8923

0.0000, NaN, -NF

■ 84.9093, 34.7406,
-85.5913

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.4439, 35.6231,

-86.3887

0.0000, NaN, NaN

110.5409, 36.4214,
-87.2404

■ 23.3726, 27.2341,
-88.0043

■ 23.3726, 27.2341,
-88.0043

■ 23.3680, 27.2477,
-88.0278

■ 26.1129, 21.1450,
-75.6260

■ 29.3170, 15.6886,
-63.6830

■ 32.9435, 11.0988,
-52.4995

■ 36.9188, 7.3447,
-42.2560

■ 41.1823, 4.3230,
-32.9385

■ 45.6865, 1.9155,
-24.4486

■ 50.3944, 0.0132,
-16.6638

■ 55.2774, -1.4754,
-9.4657

■ 60.3133, -2.6250,
-2.7506

Harmonies

Analogous

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



23.3728, -2.4030, -110.0910



23.3726, 27.2341, -88.0043



23.3728, 57.1665, -38.4076

Triad

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



23.3728, 27.2362, -88.0039



23.3728, 30.1747, 16.3609



23.3728, -32.8609, 2.3545

Complementary

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



23.3726, 27.2341, -88.0043



48.5161, 6.6773, 30.0111

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.



23.3728, -30.1289, 15.0197



23.3726, 27.2341, -88.0043



23.3728, -0.0709, 16.3609

Square

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



23.3728, 27.2362, -88.0039



23.3728, 59.3143, 14.4485



23.3728, -20.4282, 16.3609



23.3728, -30.6106, -33.9943

Rectangle

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



23.3726, 27.2341, -88.0043



23.3728, 68.9658, -9.9216



23.3728, -20.4282, 16.3609



23.3728, -32.5292, 8.7279

Sweetspot

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



23.3728, 27.2362, -88.0039



67.0965, 0.1394, -22.8388



56.6375, -39.6288, 14.7574



30.3933, 0.5330, -12.7562



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



23.3728, 27.2362, -88.0039



30.7445, 38.0043, -120.4684



18.5840, 48.4702, -117.0940



28.5012, -1.2652, -1.0838



20.0120, 22.3812, -73.3277



4.5473, 0.9416, -7.7164

Inverse Universe

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



30.5838, 53.1512, 13.7049



40.8869, 70.9851, 18.9388



60.1965, -27.8117, 36.6050



28.3766, 1.2783, 1.4248



25.8985, 45.0490, 11.3317



4.4297, 7.9166, 0.2987

Previews

White Background



This preview shows how the HunterLab color 23.3726, 27.2341, -88.0043 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 23.3726, 27.2341, -88.0043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

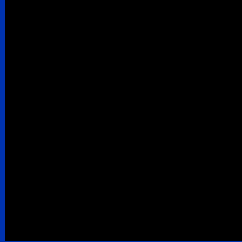
Any Text WCAG AA × Fail

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 23.3726, 27.2341, -88.0043 Background



This preview shows how black text looks on a background with the HunterLab color 23.3726, 27.2341, -88.0043.



This preview shows how white text looks on a background with the HunterLab color 23.3726, 27.2341, -88.0043.

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

23.3726, 27.2341, -88.0043

Protanopia

23.2724, 6.8778, -43.9356

Deuteranopia

23.4394, -1.2465, -26.6063



Tritanopia

23.3401, -11.6007, -4.1305

Trichromacy



Original Color

23.3726, 27.2341, -88.0043

Protanomaly

23.0867, 14.2539, -59.6264

Deuteranomaly

22.9159, 8.4869, -46.9638

Tritanomaly

22.5581, -0.4752, -27.1698

Monochromacy



Original Color

23.3726, 27.2341, -88.0043

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.4784, 4.3882, -23.2749

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3726, 27.2341, -88.0043 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, 51, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 175)  
}
```

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, 51, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3726, 27.2341, -88.0043 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, 51, 175) }
```


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

```
.border{ border-color:rgb(0, 51, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 51, 175);  
box-shadow:4px 4px 4px 4px rgb(0, 51, 175)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3726, 27.2341, -88.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 175) }
```

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

```
.background{ background-color: rgb(0, 51,  
175) }
```

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