

Converting Colors

HunterLab(23.1931, 11.9558,
-54.7985)

Have a look what the booklet for
HunterLab(23.1931, 11.9558,
-54.7985) contains.

HunterLab(23.2654, 11.8950, -54.7576)	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(23.2654, 11.8950,
-54.7576)**

Conversions

Conversions Part 1

Format	Color
Hex	003D92
RGB	0, 61, 146
RGB Percent	0%, 24%, 57%
CMY	0.9999, 0.7608, 0.4275
CMYK	1.00, 0.58, 0.00, 0.43
HSL	215°, 100%, 29%
HSV	215°, 100%, 57%
XYZ	6.8570, 5.4128, 27.8774
YIQ	52.4510, -63.6410, 13.5030

Conversions

Conversions Part 2

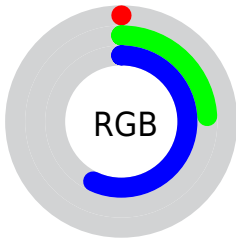
Format	Color
RYB	0, 43, 146
Decimal	15762
CIELab	27.88, 19.01, -51.34
CIELCh	28, 54.749, 290.318
Yxy	5.4129, 0.1708, 0.1348
Android (android.graphics.Color)	4278205842 (0xFF003D92)
YUV	52.4510, 46.1197, -45.9995
Hunter-Lab	23.2654, 11.8950, -54.7576

Details

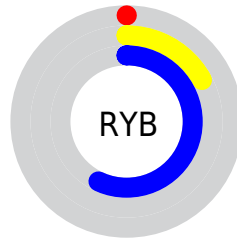
The HunterLab color **23.2654, 11.8950, -54.7576** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **35.5129, 13.7730, 22.1229**, and the grayscale version is **18.5500, -0.9898, 1.0079**.

A 20% lighter version of the original color is **40.9648, 13.1608, -54.5048**, and **11.5952, 14.9390, -46.7421** is the 20% darker color. If you saturate the color by 10%, you get **23.2624, 11.9018, -54.7686**, and if you desaturate by 10%, it is **25.4792, 8.2227, -47.4368**.

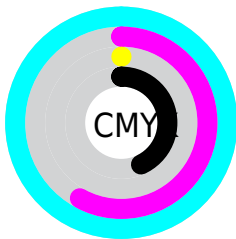
Distribution



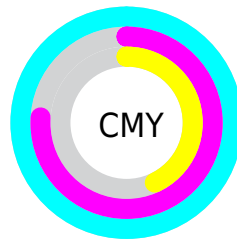
- Red (0%)
- Green (24%)
- Blue (57%)



- Red (0%)
- Yellow (17%)
- Blue (57%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (76%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2654, 11.8950, -54.7576 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 23.2654, 11.8950, -54.7576 by changing the saturation by 10% instead.

■ 23.2654, 11.8950,
-54.7576

■ 23.2654, 11.8950,
-54.7576

■ 123.9902, 14.8601,
-59.4232

■ 15.7845, 11.0361,
-56.5445

■ 40.8660, 13.1926,
-54.5409

■ 9.3401, 10.0046,
-61.8735

■ 50.8282, 13.6697,
-55.0515

0.0000, INF, -NF

■ 61.4896, 14.0524,
-55.7151

0.0000, NaN, -NF

■ 72.8071, 14.3515,
-56.4503

0.0000, NaN, -NF

■ 84.7446, 14.5755,
-57.2109

0.0000, NaN, NaN

■ 97.2714, 14.7313,

0.0000, NaN, NaN

0.0000, NaN, NaN

-57.9698

0.0000, NaN, NaN

110.3610, 14.8246,
-58.7106

■ 23.2654, 11.8950,
-54.7576

■ 23.2654, 11.8950,
-54.7576

■ 23.2624, 11.9018,
-54.7686

■ 25.4792, 8.2227,
-47.4368

■ 27.9086, 5.0508,
-40.4868

■ 30.5666, 2.4970,
-33.8699

■ 33.4259, 0.5166,
-27.6305

■ 36.4612, -0.9551,
-21.7703

■ 39.6506, -1.9864,
-16.2661

■ 42.9754, -2.6408,
-11.0829

■ 46.4200, -2.9742,
-6.1821

■ 49.9715, -3.0341,
-1.5261

Harmonies

Analogous

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



23.2657, -6.7310, -59.2573



23.2654, 11.8950, -54.7576



23.2657, 31.4504, -30.6560

Triad

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



23.2657, 11.8961, -54.7570



23.2657, 24.9386, 15.2286



23.2657, -26.3074, 6.1097

Complementary

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



23.2654, 11.8950, -54.7576



35.5129, 13.7730, 22.1229

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.



23.2657, -22.1823, 13.9500



23.2654, 11.8950, -54.7576



23.2657, 4.8070, 16.2860

Square

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



23.2657, 11.8961, -54.7570



23.2657, 40.4170, 9.9820



23.2657, -11.9888, 16.2860



23.2657, -25.4509, -13.1394

Rectangle

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



23.2654, 11.8950, -54.7576



23.2657, 40.6278, -12.6093



23.2657, -11.9888, 16.2860



23.2657, -25.5200, 9.7891

Sweetspot

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



23.2657, 11.8961, -54.7570



56.8002, -3.4666, -15.1371



46.0201, -34.6474, 17.2744



26.0027, -1.5020, -8.3377



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



23.2657, 11.8961, -54.7570



30.3770, 16.9783, -74.6198



14.6245, 39.2268, -100.5516



24.5097, -1.4772, -0.5736



21.9185, 10.9510, -51.0362



3.3889, -0.5512, -3.0459

Inverse Universe

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



25.3937, 44.8094, 6.1241



33.6785, 59.3440, 8.8284



50.8081, -16.9774, 31.0097



24.1933, 1.1574, 0.8720



23.8293, 42.0699, 5.6188



2.7415, 5.0355, -0.8686

Previews

White Background



This preview shows how the HunterLab color 23.2654, 11.8950, -54.7576 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 23.2654, 11.8950, -54.7576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

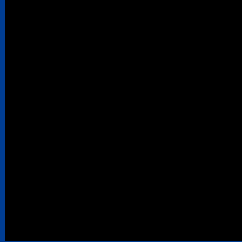
Any Text WCAG AA × Fail

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 23.2654, 11.8950, -54.7576 Background



This preview shows how black text looks on a background with the HunterLab color 23.2654, 11.8950, -54.7576.



This preview shows how white text looks on a background with the HunterLab color 23.2654, 11.8950, -54.7576.

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

23.2654, 11.8950, -54.7576

Protanopia

23.2724, 6.8778, -43.9356

Deuteranopia

23.2276, -0.5372, -27.8728



Tritanopia

23.3401, -11.6007, -4.1305

Trichromacy



Original Color

23.2654, 11.8950, -54.7576

Protanomaly

23.2789, 8.6254, -47.7163

Deuteranomaly

23.0497, 3.9676, -37.3751

Tritanomaly

22.8813, -4.3418, -19.2269

Monochromacy



Original Color

23.2654, 11.8950, -54.7576

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.3070, 0.1719, -15.1367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2654, 11.8950, -54.7576 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, 61, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 146)  
}
```

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, 61, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 146) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2654, 11.8950, -54.7576 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, 61, 146) }
```


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

```
.border{ border-color:rgb(0, 61, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 146)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.2654, 11.8950, -54.7576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 146) }
```

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

```
.background{ background-color: rgb(0, 61,  
146) }
```

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