

Converting Colors

HunterLab(19.9568, 3.8313,
-66.4611)

Have a look what the booklet for
HunterLab(19.9568, 3.8313,
-66.4611) contains.

HunterLab(22.6750, 12.2590, -54.8055)	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(22.6750, 12.2590,
-54.8055)**

Conversions

Conversions Part 1

Format	Color
Hex	003B90
RGB	0, 59, 144
RGB Percent	0%, 23%, 56%
CMY	0.9999, 0.7686, 0.4353
CMYK	1.00, 0.59, 0.00, 0.44
HSL	215°, 100%, 28%
HSV	215°, 100%, 56%
XYZ	6.5980, 5.1416, 27.0303
YIQ	51.0490, -62.4490, 13.9270

Conversions

Conversions Part 2

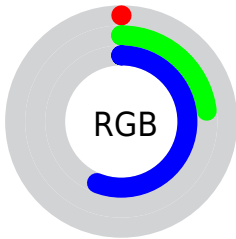
Format	Color
R _Y B	0, 42, 144
Decimal	15248
CIE Lab	27.13, 19.57, -51.33
CIE LCh	27, 54.932, 290.870
Yxy	5.1417, 0.1702, 0.1326
Android (android.graphics.Color)	4278205328 (0xFF003B90)
YUV	51.0490, 45.8248, -44.7700
Hunter-Lab	22.6750, 12.2590, -54.8055

Details

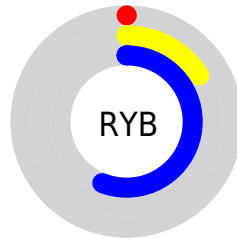
The HunterLab color **22.6750, 12.2590, -54.8055** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **35.2559, 12.9913, 21.9509**, and the grayscale version is **18.0793, -0.9647, 0.9823**.

A 20% lighter version of the original color is **40.2808, 13.4503, -54.4755**, and **11.2074, 15.5643, -47.6071** is the 20% darker color. If you saturate the color by 10%, you get **22.6722, 12.2656, -54.8161**, and if you desaturate by 10%, it is **24.8687, 8.5814, -47.4324**.

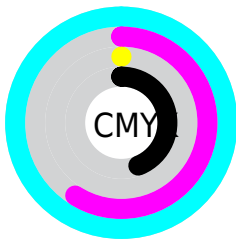
Distribution



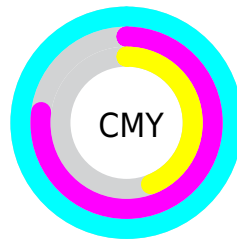
- Red (0%)
- Green (23%)
- Blue (56%)



- Red (0%)
- Yellow (16%)
- Blue (56%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (77%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.6750, 12.2590, -54.8055 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 22.6750, 12.2590, -54.8055 by changing the saturation by 10% instead.

■ 22.6750, 12.2590,
-54.8055

■ 22.6750, 12.2590,
-54.8055

■ 122.9560, 15.5106,
-59.3490

■ 15.2664, 11.3570,
-56.7478

■ 40.1527, 13.6342,
-54.4904

■ 8.8873, 10.3701,
-62.6882

■ 50.0608, 14.1463,
-54.9850

0.0000, INF, -NF

■ 60.6717, 14.5618,
-55.6408

0.0000, NaN, -NF

■ 71.9416, 14.8919,
-56.3725

0.0000, NaN, -NF

■ 83.8339, 15.1453,
-57.1323

0.0000, NaN, NaN

■ 96.3178, 15.3291,

0.0000, NaN, NaN

0.0000, NaN, NaN

-57.8919

0.0000, NaN, NaN

109.3663, 15.4493,
-58.6343

■ 22.6750, 12.2590,
-54.8055

■ 22.6750, 12.2590,
-54.8055

■ 22.6722, 12.2656,
-54.8161

■ 24.8687, 8.5814,
-47.4324

■ 27.2790, 5.3970,
-40.4448

■ 29.9184, 2.8254,
-33.8041

■ 32.7589, 0.8218,
-27.5551

■ 35.7745, -0.6789,
-21.6976

■ 38.9430, -1.7453,
-16.2058

■ 42.2458, -2.4409,
-11.0422

■ 45.6671, -2.8214,
-6.1663

■ 49.1941, -2.9338,
-1.5390

Harmonies

Analogous

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



22.6753, -6.3718, -59.8251



22.6750, 12.2590, -54.8055



22.6753, 31.7652, -30.2604

Triad

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



22.6753, 12.2602, -54.8049



22.6753, 24.5693, 15.1100



22.6753, -26.0118, 5.8014

Complementary

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



22.6750, 12.2590, -54.8055



35.2559, 12.9913, 21.9509

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.



22.6753, -22.0629, 13.6575



22.6750, 12.2590, -54.8055



22.6753, 4.4569, 15.8727

Square

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



22.6753, 12.2602, -54.8049



22.6753, 40.2554, 10.0160



22.6753, -12.1251, 15.8727



22.6753, -25.0860, -13.6291

Rectangle

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



22.6750, 12.2590, -54.8055



22.6753, 40.8338, -12.1761



22.6753, -12.1251, 15.8727



22.6753, -25.2709, 9.4987

Sweetspot

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



22.6753, 12.2602, -54.8049



55.8241, -3.1966, -15.0848



45.3729, -33.8691, 16.4031



25.9317, -1.3840, -8.4461



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.



22.6753, 12.2602, -54.8049



29.5896, 17.4767, -74.7116



14.4651, 38.6840, -98.5603



23.6540, -1.4017, -0.5604



21.2612, 11.2117, -50.7776



2.9119, -0.4416, -2.6863

Inverse Universe

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



24.9911, 44.0568, 6.3544



33.1410, 58.3400, 9.1275



49.8522, -17.4575, 30.4123



23.3633, 1.0952, 0.8657



23.3295, 41.1498, 5.7941



2.3713, 4.3506, -0.7126

Previews

White Background



This preview shows how the HunterLab color 22.6750, 12.2590, -54.8055 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 22.6750, 12.2590, -54.8055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

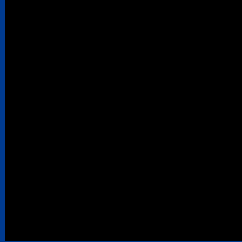
Any Text WCAG AA × Fail

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 22.6750, 12.2590, -54.8055 Background



This preview shows how black text looks on a background with the HunterLab color 22.6750, 12.2590, -54.8055.



This preview shows how white text looks on a background with the HunterLab color 22.6750, 12.2590, -54.8055.

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

22.6750, 12.2590, -54.8055

Protanopia

22.6079, 6.9204, -43.1972

Deuteranopia

22.5581, -0.4752, -27.1698



Tritanopia

22.7080, -11.2687, -4.0572

Trichromacy



Original Color

22.6750, 12.2590, -54.8055

Protanomaly

22.6165, 8.6652, -46.9744

Deuteranomaly

22.3836, 4.0159, -36.6467

Tritanomaly

22.2573, -4.0151, -19.1524

Monochromacy



Original Color

22.6750, 12.2590, -54.8055

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.9771, 0.2243, -15.1538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.6750, 12.2590, -54.8055 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, 59, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 144)  
}
```

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, 59, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 22.6750, 12.2590, -54.8055 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, 59, 144) }
```


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

```
.border{ border-color:rgb(0, 59, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 59, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 59, 144)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.6750, 12.2590, -54.8055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 144) }
```

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

```
.background{ background-color: rgb(0, 59,  
144) }
```

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