

Converting Colors

HunterLab(24.1648, 25.5585,
-85.3773)

Have a look what the booklet for
HunterLab(24.1648, 25.5585,
-85.3773) contains.

HunterLab(24.2218, 25.4298, -85.1708)	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(24.2218, 25.4298,
-85.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	0037B0
RGB	0, 55, 176
RGB Percent	0%, 22%, 69%
CMY	0.9999, 0.7843, 0.3098
CMYK	1.00, 0.69, 0.00, 0.31
HSL	221°, 100%, 35%
HSV	221°, 100%, 69%
XYZ	9.2026, 5.8670, 41.7217
YIQ	52.3490, -71.6210, 25.9710

Conversions

Conversions Part 2

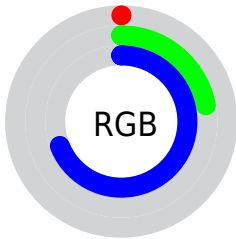
Format	Color
R _Y B	0, 42, 176
Decimal	14256
CIE Lab	29.07, 35.31, -67.55
CIE LCh	29, 76.224, 297.597
Yxy	5.8670, 0.1620, 0.1033
Android (android.graphics.Color)	4278204336 (0xFF0037B0)
YUV	52.3490, 60.9599, -45.9101
Hunter-Lab	24.2218, 25.4298, -85.1708

Details

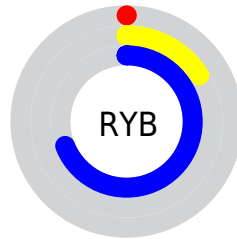
The HunterLab color **24.2218, 25.4298, -85.1708** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **47.8680, 8.5104, 29.6438**, and the grayscale version is **18.4701, -0.9855, 1.0035**.

A 20% lighter version of the original color is **42.0869, 28.0251, -82.1774**, and **13.2166, 26.6217, -73.9881** is the 20% darker color. If you saturate the color by 10%, you get **24.2171, 25.4430, -85.1934**, and if you desaturate by 10%, it is **26.9926, 19.5026, -73.2470**.

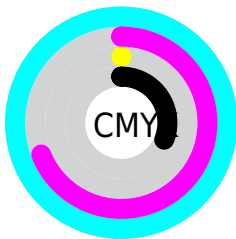
Distribution



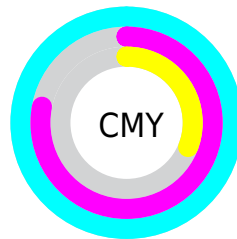
- Red (0%)
- Green (22%)
- Blue (69%)



- Red (0%)
- Yellow (16%)
- Blue (69%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (78%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2218, 25.4298, -85.1708 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 24.2218, 25.4298, -85.1708 by changing the saturation by 10% instead.

■ 24.2218, 25.4298,
-85.1708

■ 24.2218, 25.4298,
-85.1708

■ 125.6531, 34.4765,
-86.2016

■ 16.6265, 23.8532,
-90.2049

■ 42.0174, 28.2096,
-82.1253

■ 10.0499, 22.2296,
-102.1376

■ 52.0657, 29.4064,
-82.0310

0.0000, INF, -NF

■ 62.8076, 30.4875,
-82.3599

0.0000, NaN, -NF

■ 74.2009, 31.4630,
-82.9381

0.0000, NaN, -NF

■ 86.2103, 32.3422,
-83.6637

0.0000, NaN, -NF

■ 98.8057, 33.1330,

0.0000, NaN, NaN

0.0000, NaN, NaN

-84.4739

0.0000, NaN, NaN

111.9609, 33.8425,
-85.3287

■ 24.2218, 25.4298,
-85.1708

■ 24.2218, 25.4298,
-85.1708

■ 24.2171, 25.4430,
-85.1934

■ 26.9926, 19.5026,
-73.2470

■ 30.1950, 14.2448,
-61.7972

■ 33.7958, 9.8538,
-51.0621

■ 37.7290, 6.2874,
-41.1887

■ 41.9395, 3.4431,
-32.1639

■ 46.3831, 1.2066,
-23.9019

■ 51.0254, -0.5267,
-16.2949

■ 55.8392, -1.8458,
-9.2372

■ 60.8031, -2.8230,
-2.6351

Harmonies

Analogous

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



24.2220, -3.2883, -104.4159



24.2218, 25.4298, -85.1708



24.2220, 54.5636, -38.5662

Triad

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



24.2220, 25.4318, -85.1703



24.2220, 30.4558, 16.9554



24.2220, -33.1513, 3.1692

Complementary

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



24.2218, 25.4298, -85.1708



47.8680, 8.5104, 29.6438

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.



24.2220, -30.0973, 15.3668



24.2218, 25.4298, -85.1708



24.2220, 0.7676, 16.9554

Square

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



24.2220, 25.4318, -85.1703



24.2220, 58.2018, 14.4153



24.2220, -19.8746, 16.9554



24.2220, -30.9821, -31.1476

Rectangle

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



24.2218, 25.4298, -85.1708



24.2220, 66.3575, -10.7918



24.2220, -19.8746, 16.9554



24.2220, -32.7439, 9.2651

Sweetspot

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



24.2220, 25.4318, -85.1703



68.3709, -0.5977, -22.4817



56.9331, -40.2737, 15.7799



30.6209, 0.1401, -12.3888



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.



24.2220, 25.4318, -85.1703



32.0616, 35.8098, -117.3773



18.5664, 48.6683, -118.8746



29.4091, -1.3837, -1.0677



20.9685, 21.1766, -71.9231



4.9525, 0.9696, -8.2833

Inverse Universe

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



30.8329, 53.6909, 12.9890



41.4779, 72.1504, 18.1342



60.7920, -27.1612, 36.9833



29.2362, 1.3561, 1.3965



26.4272, 46.0584, 10.8676



4.8015, 8.5862, 0.2845

Previews

White Background



This preview shows how the HunterLab color 24.2218, 25.4298, -85.1708 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 24.2218, 25.4298, -85.1708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

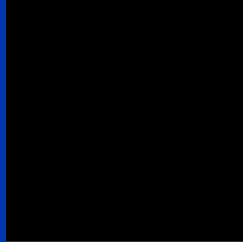
Any Text WCAG AA × Fail

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 24.2218, 25.4298, -85.1708 Background



This preview shows how black text looks on a background with the HunterLab color 24.2218, 25.4298, -85.1708.



This preview shows how white text looks on a background with the HunterLab color 24.2218, 25.4298, -85.1708.

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

24.2218, 25.4298, -85.1708

Protanopia

24.0622, 7.4590, -46.1774

Deuteranopia

24.1628, -1.0409, -27.9544



Tritanopia

24.2937, -12.1017, -4.2409

Trichromacy



Original Color

24.2218, 25.4298, -85.1708

Protanomaly

23.9691, 13.7018, -59.5375

Deuteranomaly

23.8203, 7.9517, -46.9388

Tritanomaly

23.4887, -0.9766, -27.2507

Monochromacy



Original Color

24.2218, 25.4298, -85.1708

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.3200, 3.6823, -22.7371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2218, 25.4298, -85.1708 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, 55, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 176)  
}
```

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, 55, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2218, 25.4298, -85.1708 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, 55, 176) }
```


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

```
.border{ border-color:rgb(0, 55, 176) }
```

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

Here you see how a box with a 4 pixel rgb(0, 55, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 176)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2218, 25.4298, -85.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 176) }
```

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

```
.background{ background-color: rgb(0, 55,  
176) }
```

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](#).

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