

Converting Colors

HunterLab(24.0728, 19.2796,
-87.1782)

Have a look what the booklet for
HunterLab(24.0728, 19.2796,
-87.1782) contains.

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Color

**HunterLab(25.5183, 22.5269,
-80.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	003DB1
RGB	0, 61, 177
RGB Percent	0%, 24%, 69%
CMY	0.9999, 0.7608, 0.3059
CMYK	1.00, 0.66, 0.00, 0.31
HSL	219°, 100%, 35%
HSV	219°, 100%, 69%
XYZ	9.6046, 6.5118, 42.3457
YIQ	55.9850, -73.5920, 23.1440

Conversions

Conversions Part 2

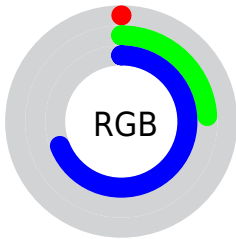
Format	Color
R _{YB}	0, 45, 177
Decimal	15793
CIE _{Lab}	30.67, 31.73, -65.52
CIE _{LCh}	31, 72.803, 295.841
Yxy	6.5120, 0.1643, 0.1114
Android (android.graphics.Color)	4278205873 (0xFF003DB1)
YUV	55.9850, 59.6604, -49.0988
Hunter-Lab	25.5183, 22.5269, -80.5246

Details

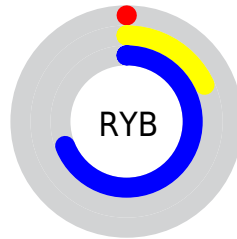
The HunterLab color **25.5183, 22.5269, -80.5246** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **46.7401, 11.3169, 28.9979**, and the grayscale version is **19.7057, -1.0514, 1.0706**.

A 20% lighter version of the original color is **43.5807, 25.0160, -78.6089**, and **14.0228, 24.3827, -70.1625** is the 20% darker color. If you saturate the color by 10%, you get **25.5133, 22.5399, -80.5467**, and if you desaturate by 10%, it is **28.3077, 16.9035, -69.3814**.

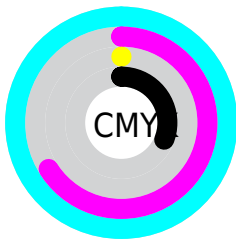
Distribution



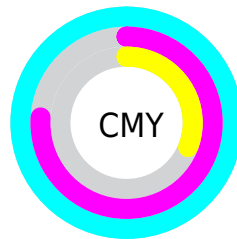
- Red (0%)
- Green (24%)
- Blue (69%)



- Red (0%)
- Yellow (18%)
- Blue (69%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (76%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.5183, 22.5269, -80.5246 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 25.5183, 22.5269, -80.5246 by changing the saturation by 10% instead.

■ 25.5183, 22.5269,
-80.5246

■ 25.5183, 22.5269,
-80.5246

■ 127.8845, 30.1554,
-82.8353

■ 17.7730, 21.1033,
-84.4506

■ 43.5711, 24.9661,
-78.3595

■ 11.0236, 19.5693,
-93.7685

■ 53.7332, 25.9945,
-78.4519

■ 2.7214, 50.6656,
-246.4519

■ 64.5816, 26.9117,
-78.8924

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 76.0753, 27.7285,
-79.5355

0.0000, NaN, -NF

■ 88.1800, 28.4541,
-80.2956

0.0000, NaN, NaN

■ 100.8663, 29.0961,

0.0000, NaN, NaN

-81.1196

0.0000, NaN, NaN

114.1086, 29.6613,
-81.9736

■ 25.5183, 22.5269,
-80.5246

■ 25.5183, 22.5269,
-80.5246

■ 25.5133, 22.5399,
-80.5467

■ 28.3077, 16.9035,
-69.3814

■ 31.4828, 11.9785,
-58.7250

■ 35.0219, 7.9080,
-48.6995

■ 38.8697, 4.6402,
-39.4149

■ 42.9786, 2.0765,
-30.8622

■ 47.3095, 0.1099,
-22.9748

■ 51.8314, -1.3580,
-15.6664

■ 56.5192, -2.4113,
-8.8497

■ 61.3530, -3.1194,
-2.4458

Harmonies

Analogous

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



25.5185, -4.6832, -95.5624



25.5183, 22.5269, -80.5246



25.5185, 50.3467, -38.6342

Triad

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



25.5185, 22.5287, -80.5240



25.5185, 30.7577, 17.8630



25.5185, -33.3593, 4.4237

Complementary

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



25.5183, 22.5269, -80.5246



46.7401, 11.3169, 28.9979

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.



25.5185, -29.7744, 15.9138



25.5183, 22.5269, -80.5246



25.5185, 2.1362, 17.8630

Square

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



25.5185, 22.5287, -80.5240



25.5185, 56.2202, 14.2037



25.5185, -18.7901, 17.8630



25.5185, -31.3853, -26.7994

Rectangle

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



25.5183, 22.5269, -80.5246



25.5185, 62.0818, -12.1484



25.5185, -18.7901, 17.8630



25.5185, -32.8183, 10.0849

Sweetspot

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



25.5185, 22.5287, -80.5240



69.0364, -1.7278, -21.4686



57.1699, -41.2837, 17.6644



30.9699, -0.4567, -11.8318



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.



25.5185, 22.5287, -80.5240



33.5947, 31.6064, -110.2195



18.4457, 48.7869, -121.4797



29.4839, -1.5083, -0.9752



21.9536, 18.5750, -67.5382



5.1290, 0.6388, -7.7898

Inverse Universe

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



31.1205, 54.3711, 11.7173



41.6002, 72.6008, 16.3453



61.6214, -25.6164, 37.5214



29.2438, 1.3970, 1.2881



26.5079, 46.3551, 9.6905



4.8201, 8.6540, 0.0187

Previews

White Background



This preview shows how the HunterLab color 25.5183, 22.5269, -80.5246 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 25.5183, 22.5269, -80.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

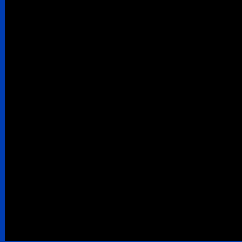
Any Text WCAG AA × Fail

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 25.5183, 22.5269, -80.5246 Background



This preview shows how black text looks on a background with the HunterLab color 25.5183, 22.5269, -80.5246.



This preview shows how white text looks on a background with the HunterLab color 25.5183, 22.5269, -80.5246.

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

25.5183, 22.5269, -80.5246

Protanopia

25.5312, 8.0040, -49.1902

Deuteranopia

25.5705, -0.8959, -30.0270



Tritanopia

25.5749, -12.7750, -4.3887

Trichromacy



Original Color

25.5183, 22.5269, -80.5246

Protanomaly

25.5294, 13.1130, -60.2167

Deuteranomaly

25.3469, 7.0586, -46.9189

Tritanomaly

24.9110, -2.6161, -25.4892

Monochromacy



Original Color

25.5183, 22.5269, -80.5246

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.7877, 2.6131, -21.5324

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.5183, 22.5269, -80.5246 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 25.5183, 22.5269, -80.5246 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, 177) }
```


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

```
.border{ border-color:rgb(0, 61, 177) }
```

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, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 61, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 61, 177)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.5183, 22.5269, -80.5246 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, 177) }
```

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

```
.background{ background-color: rgb(0, 61,  
177) }
```

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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