

Converting Colors

HunterLab(25.1552, 17.1573,
-68.4756)

Have a look what the booklet for
HunterLab(25.1552, 17.1573,
-68.4756) contains.

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Color

**HunterLab(25.0432, 17.2517,
-68.5434)**

Conversions

Conversions Part 1

Format	Color
Hex	003FA5
RGB	0, 63, 165
RGB Percent	0%, 25%, 65%
CMY	0.9999, 0.7529, 0.3529
CMYK	1.00, 0.62, 0.00, 0.35
HSL	217°, 100%, 32%
HSV	217°, 100%, 65%
XYZ	8.5690, 6.2716, 36.3562
YIQ	55.7910, -70.2900, 18.3660

Conversions

Conversions Part 2

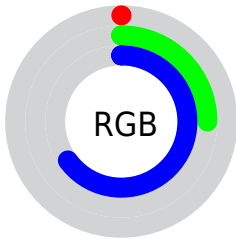
Format	Color
RYB	0, 46, 165
Decimal	16293
CIELab	30.09, 25.55, -59.29
CIELCh	30, 64.559, 293.311
Yxy	6.2717, 0.1674, 0.1225
Android (android.graphics.Color)	4278206373 (0xFF003FA5)
YUV	55.7910, 53.8400, -48.9287
Hunter-Lab	25.0432, 17.2517, -68.5434

Details

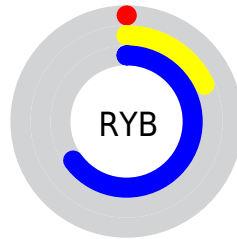
The HunterLab color **25.0432, 17.2517, -68.5434** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **41.8424, 13.2541, 26.0140**, and the grayscale version is **19.6575, -1.0489, 1.0680**.

A 20% lighter version of the original color is **43.0072, 19.1478, -67.4698**, and **13.3516, 19.8310, -59.4978** is the 20% darker color. If you saturate the color by 10%, you get **25.0393, 17.2614, -68.5593**, and if you desaturate by 10%, it is **27.6099, 12.5201, -59.2104**.

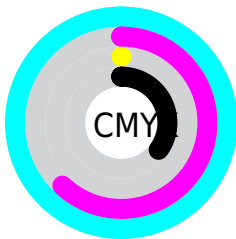
Distribution



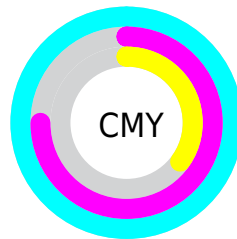
- Red (0%)
- Green (25%)
- Blue (65%)



- Red (0%)
- Yellow (18%)
- Blue (65%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (75%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0432, 17.2517, -68.5434 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 25.0432, 17.2517, -68.5434 by changing the saturation by 10% instead.

■ 25.0432, 17.2517,
-68.5434

■ 25.0432, 17.2517,
-68.5434

■ 127.0699, 22.6257,
-72.3059

■ 17.3523, 16.0913,
-71.2848

■ 43.0028, 19.1457,
-67.4542

■ 10.6653, 14.7775,
-78.3047

■ 53.1235, 19.9081,
-67.7874

■ 0.9868, 112.7576,
-538.2982

■ 63.9332, 20.5667,
-68.3668

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 75.3905, 21.1324,
-69.0808

0.0000, NaN, -NF

■ 87.4605, 21.6142,
-69.8645

0.0000, NaN, NaN

■ 100.1138, 22.0197,

0.0000, NaN, NaN

-70.6784

0.0000, NaN, NaN

113.3244, 22.3551,
-71.4975

■ 25.0432, 17.2517,
-68.5434

■ 25.0432, 17.2517,
-68.5434

■ 25.0393, 17.2614,
-68.5593

■ 27.6099, 12.5201,
-59.2104

■ 30.4775, 8.4173,
-50.3228

■ 33.6424, 5.0685,
-41.9166

■ 37.0643, 2.4218,
-34.0624

■ 40.7072, 0.3936,
-26.7572

■ 44.5409, -1.1048,
-19.9585

■ 48.5404, -2.1553,
-13.6081

■ 52.6853, -2.8290,
-7.6451

■ 56.9590, -3.1852,
-2.0121

Harmonies

Analogous

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



25.0435, -5.9823, -77.8490



25.0432, 17.2517, -68.5434



25.0435, 41.2882, -35.4581

Triad

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



25.0435, 17.2532, -68.5428



25.0435, 28.5286, 17.5128



25.0435, -30.6289, 5.5325

Complementary

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



25.0432, 17.2517, -68.5434



41.8424, 13.2541, 26.0140

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.



25.0435, -26.6505, 15.3284



25.0432, 17.2517, -68.5434



25.0435, 3.6724, 17.5304

Square

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



25.0435, 17.2532, -68.5428



25.0435, 49.1883, 12.4806



25.0435, -15.7122, 17.5304



25.0435, -29.1557, -19.7811

Rectangle

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



25.0432, 17.2517, -68.5434



25.0435, 51.9748, -12.7988



25.0435, -15.7122, 17.5304



25.0435, -29.9465, 10.2445

Sweetspot

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



25.0435, 17.2532, -68.5428



64.6507, -2.8190, -18.6781



52.7874, -38.8086, 17.7989



29.2212, -1.0810, -10.2923



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



25.0435, 17.2532, -68.5428



32.9606, 24.4325, -93.9407



16.9070, 45.0121, -113.6285



26.9861, -1.5078, -0.7612



21.9852, 14.5197, -58.8233



4.3714, -0.2218, -4.9850

Inverse Universe

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



28.9117, 50.7480, 9.0601



38.6417, 67.7423, 12.8213



57.4447, -22.0192, 35.0108



26.6995, 1.2808, 1.0654



25.1636, 44.2080, 7.6201



3.7695, 6.8514, -0.6348

Previews

White Background



This preview shows how the HunterLab color 25.0432, 17.2517, -68.5434 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 25.0432, 17.2517, -68.5434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

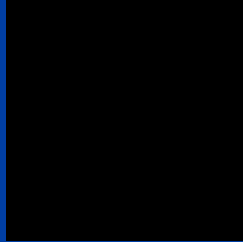
Any Text WCAG AA × Fail

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 25.0432, 17.2517, -68.5434 Background



This preview shows how black text looks on a background with the HunterLab color 25.0432, 17.2517, -68.5434.



This preview shows how white text looks on a background with the HunterLab color 25.0432, 17.2517, -68.5434.

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

25.0432, 17.2517, -68.5434

Protanopia

25.1010, 7.5516, -47.6758

Deuteranopia

24.9406, -0.5563, -29.9727



Tritanopia

24.9641, -12.2530, -4.7522

Trichromacy



Original Color

25.0432, 17.2517, -68.5434

Protanomaly

25.0625, 10.8008, -54.6419

Deuteranomaly

24.7393, 5.6856, -43.1956

Tritanomaly

24.4077, -3.4910, -22.9714

Monochromacy



Original Color

25.0432, 17.2517, -68.5434

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.8507, 1.2033, -18.5984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0432, 17.2517, -68.5434 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, 63, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 165)  
}
```

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, 63, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0432, 17.2517, -68.5434 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, 63, 165) }
```


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

```
.border{ border-color:rgb(0, 63, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 165)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.0432, 17.2517, -68.5434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 165) }
```

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

```
.background{ background-color: rgb(0, 63,  
165) }
```

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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