

Converting Colors

HunterLab(26.6440, 7.1462,
-90.4688)

Have a look what the booklet for
HunterLab(26.6440, 7.1462,
-90.4688) contains.

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Color

**HunterLab(30.2041, 17.5265,
-75.5872)**

Conversions

Conversions Part 1

Format	Color
Hex	004EBD
RGB	0, 78, 189
RGB Percent	0%, 31%, 74%
CMY	0.9998, 0.6941, 0.2588
CMYK	1.00, 0.59, 0.00, 0.26
HSL	215°, 100%, 37%
HSV	215°, 100%, 74%
XYZ	11.9097, 9.1229, 49.2772
YIQ	67.3320, -82.1190, 17.9850

Conversions

Conversions Part 2

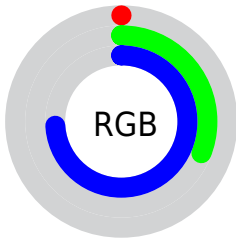
Format	Color
RYB	0, 55, 189
Decimal	20157
CIELab	36.22, 25.12, -63.52
CIELCh	36, 68.305, 291.576
Yxy	9.1231, 0.1694, 0.1298
Android (android.graphics.Color)	4278210237 (0xFF004EBD)
YUV	67.3320, 59.9823, -59.0502
Hunter-Lab	30.2041, 17.5265, -75.5872

Details

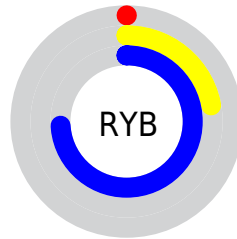
The HunterLab color **30.2041, 17.5265, -75.5872** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **47.1131, 18.6182, 29.3554**, and the grayscale version is **23.6288, -1.2608, 1.2838**.

A 20% lighter version of the original color is **49.0534, 19.3908, -74.8177**, and **17.3523, 21.1093, -67.2577** is the 20% darker color. If you saturate the color by 10%, you get **30.1987, 17.5392, -75.6078**, and if you desaturate by 10%, it is **33.1265, 12.2590, -65.5418**.

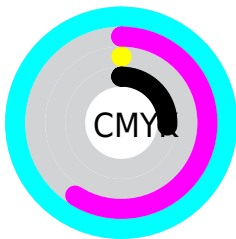
Distribution



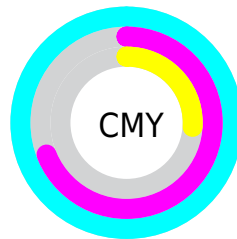
- Red (0%)
- Green (31%)
- Blue (74%)



- Red (0%)
- Yellow (22%)
- Blue (74%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2041, 17.5265, -75.5872 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 30.2041, 17.5265, -75.5872 by changing the saturation by 10% instead.

■ 30.2041, 17.5265,
-75.5872

■ 30.2041, 17.5265,
-75.5872

■ 135.7547, 22.2370,
-79.8820

■ 21.9580, 16.4801,
-77.7103

■ 49.1248, 19.2231,
-74.8257

■ 14.6388, 15.2781,
-82.8123

■ 59.6734, 19.9013,
-75.2042

■ 8.2983, 14.3784,
-96.8702

■ 70.8846, 20.4832,
-75.8104

0.0000, INF, -NF

■ 82.7214, 20.9786,
-76.5464

0.0000, NaN, -NF

■ 95.1523, 21.3956,
-77.3527

0.0000, NaN, -NF

■ 108.1502, 21.7407,

0.0000, NaN, NaN

-78.1921

0.0000, NaN, NaN

121.6913, 22.0196,
-79.0406

■ 30.2041, 17.5265,
-75.5872

■ 30.2041, 17.5265,
-75.5872

■ 30.1987, 17.5392,
-75.6078

■ 33.1265, 12.2590,
-65.5418

■ 36.3823, 7.7438,
-55.9037

■ 39.9652, 4.0945,
-46.7258

■ 43.8356, 1.2553,
-38.0845

■ 47.9560, -0.8646,
-29.9876

■ 52.2943, -2.3630,
-22.4027

■ 56.8232, -3.3318,
-15.2785

■ 61.5201, -3.8516,
-8.5581

■ 66.3663, -3.9906,
-2.1861

Harmonies

Analogous

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



30.2044, -8.1482, -83.4424



30.2041, 17.5265, -75.5872



30.2044, 44.3132, -40.9831

Triad

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



30.2044, 17.5281, -75.5864



30.2044, 33.1912, 19.9167



30.2044, -35.2949, 7.4496

Complementary

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



30.2041, 17.5265, -75.5872



47.1131, 18.6182, 29.3554

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.



30.2044, -30.1614, 18.2644



30.2041, 17.5265, -75.5872



30.2044, 5.5293, 21.1431

Square

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



30.2044, 17.5281, -75.5864



30.2044, 55.1637, 13.8343



30.2044, -16.9257, 21.1431



30.2044, -33.9053, -19.6519

Rectangle

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



30.2041, 17.5265, -75.5872



30.2044, 56.6133, -16.0131



30.2044, -16.9257, 21.1431



30.2044, -34.3540, 12.5756

Sweetspot

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



30.2044, 17.5281, -75.5864



75.7365, -4.4091, -20.9105



61.2594, -45.9343, 22.5923



33.9252, -1.8217, -11.5337



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



30.2044, 17.5281, -75.5864



39.8590, 24.7584, -103.2666



19.4506, 52.1876, -133.8561



31.3920, -1.8776, -0.8459



25.0577, 13.7328, -60.9652



6.1252, 0.3914, -8.5009

Inverse Universe

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



33.7190, 59.3697, 9.1434



45.0734, 79.2739, 12.9672



67.3116, -23.6879, 41.0614



30.9837, 1.5977, 1.1152



27.6831, 48.7964, 7.1272



5.5967, 10.0866, -0.2754

Previews

White Background



This preview shows how the HunterLab color 30.2041, 17.5265, -75.5872 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 30.2041, 17.5265, -75.5872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

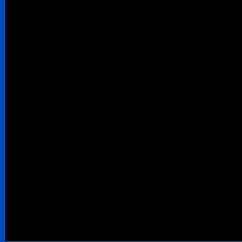
Any Text WCAG AA × Fail

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 30.2041, 17.5265, -75.5872 Background



This preview shows how black text looks on a background with the HunterLab color 30.2041, 17.5265, -75.5872.



This preview shows how white text looks on a background with the HunterLab color 30.2041, 17.5265, -75.5872.

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

30.2041, 17.5265, -75.5872

Protanopia

30.1506, 10.3306, -59.9863

Deuteranopia

29.9772, 0.1363, -37.7632

Trichromacy



Original Color

30.2041, 17.5265, -75.5872

Protanomaly

30.2317, 12.5102, -64.7928

Deuteranomaly

30.0350, 6.1039, -50.7177

Monochromacy



Original Color

30.2041, 17.5265, -75.5872

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

24.8350, 0.5169, -20.5910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2041, 17.5265, -75.5872 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, 78, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 78, 189)  
}
```

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, 78, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 78, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2041, 17.5265, -75.5872 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, 78, 189) }
```

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

```
.border{ border-color:rgb(0, 78, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 78, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 78, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 78, 189);  
box-shadow:4px 4px 4px 4px rgb(0, 78, 189)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 30.2041, 17.5265, -75.5872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 78, 189) }
```

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

```
.background{ background-color: rgb(0, 78,  
189) }
```

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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