

Converting Colors

HunterLab(40.5183, 18.8191,
-95.7600)

Have a look what the booklet for
HunterLab(40.5183, 18.8191,
-95.7600) contains.

HunterLab(40.9959, 19.6315, -93.6202)	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(40.9959, 19.6315,
-93.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	006BF0
RGB	0, 107, 240
RGB Percent	0%, 42%, 94%
CMY	0.9997, 0.5804, 0.0588
CMYK	1.00, 0.55, 0.00, 0.06
HSL	213°, 100%, 47%
HSV	213°, 100%, 94%
XYZ	20.9858, 16.8066, 84.5760
YIQ	90.1690, -106.4650, 18.6790

Conversions

Conversions Part 2

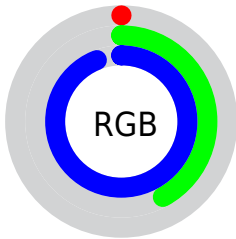
Format	Color
R _{YB}	0, 74, 240
Decimal	27632
CIE Lab	48.02, 26.28, -73.48
CIE LCh	48, 78.033, 289.678
Yxy	16.8070, 0.1715, 0.1373
Android (android.graphics.Color)	4278217712 (0xFF006BF0)
YUV	90.1690, 73.8667, -79.0782
Hunter-Lab	40.9959, 19.6315, -93.6202

Details

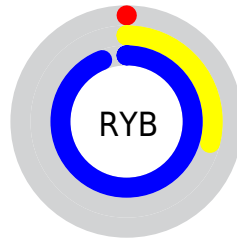
The HunterLab color **40.9959, 19.6315, -93.6202** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **59.4295, 29.1530, 37.1287**, and the grayscale version is **31.8091, -1.6973, 1.7282**.

A 20% lighter version of the original color is **59.0973, 7.0781, -58.3768**, and **25.9930, 24.6676, -85.7393** is the 20% darker color. If you saturate the color by 10%, you get **40.9867, 19.6521, -93.6530**, and if you desaturate by 10%, it is **44.7128, 13.0112, -81.5355**.

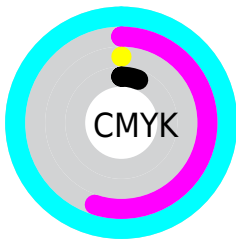
Distribution



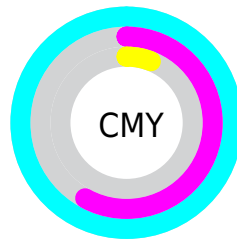
- Red (0%)
- Green (42%)
- Blue (94%)



- Red (0%)
- Yellow (29%)
- Blue (94%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (58%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9959, 19.6315, -93.6202 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 40.9959, 19.6315, -93.6202 by changing the saturation by 10% instead.

■ 40.9959, 19.6315,
-93.6202

■ 40.9959, 19.6315,
-93.6202

■ 152.9895, 23.8862,
-98.4343

■ 31.7758, 18.6932,
-95.2021

■ 61.6390, 21.1636,
-93.1046

■ 23.3738, 17.6159,
-98.6853

■ 72.9651, 21.7789,
-93.5050

■ 15.8795, 16.3876,
-106.0935

■ 84.9108, 22.3074,
-94.1271

■ 9.4203, 15.0185,
-123.2893

■ 97.4454, 22.7573,
-94.8859

0.0000, INF, -NF

0.0000, NaN, -NF

■ 110.5425, 23.1349,
-95.7269

0.0000, NaN, -NF

124.1789, 23.4458,

0.0000, NaN, -NF

-96.6137

0.0000, NaN, -NF

138.3340, 23.6949,
-97.5219

■ 40.9959, 19.6315,
-93.6202

■ 40.9959, 19.6315,
-93.6202

■ 40.9867, 19.6521,
-93.6530

■ 44.7128, 13.0112,
-81.5355

■ 48.8498, 7.4032,
-69.8267

■ 53.3959, 2.9194,
-58.5851

■ 58.3075, -0.5022,
-47.9076

■ 63.5416, -2.9705,
-37.8205

■ 69.0591, -4.6076,
-28.3035

■ 74.8265, -5.5301,
-19.3106

■ 80.8153, -5.8421,
-10.7852

■ 87.0014, -5.6331,
-2.6692

Harmonies

Analogous

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



40.9964, -12.2361, -100.3132



40.9959, 19.6315, -93.6202



40.9964, 53.1983, -53.2432

Triad

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



40.9964, 19.6334, -93.6191



40.9964, 43.4079, 26.1051



40.9964, -45.5901, 11.0691

Complementary

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



40.9959, 19.6315, -93.6202



59.4295, 29.1530, 37.1287

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.



40.9964, -38.1766, 24.4715



40.9959, 19.6315, -93.6202



40.9964, 8.9282, 28.0892

Square

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



40.9964, 19.6334, -93.6191



40.9964, 69.4826, 16.9910



40.9964, -20.2282, 27.7561



40.9964, -44.2707, -21.5283

Rectangle

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



40.9959, 19.6315, -93.6202



40.9964, 69.1195, -22.4419



40.9964, -20.2282, 27.7561



40.9964, -44.1485, 17.3316

Sweetspot

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



40.9964, 19.6334, -93.6191



80.0806, -5.9161, -20.8039



79.9923, -61.1534, 32.0322



35.8263, -2.5818, -11.4815

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



40.9964, 19.6334, -93.6191



43.7898, 21.3119, -100.7397



25.2415, 68.1361, -176.8942



40.4827, -2.6013, -1.0549



30.7448, 13.6263, -67.8436



9.9090, 1.8252, -16.3254

Inverse Universe

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



44.2587, 78.1845, 10.0068



47.3993, 83.7189, 10.8906



88.7779, -28.3763, 54.2065



39.8446, 2.2440, 1.2534



32.7835, 57.9929, 6.8418



9.5595, 17.1052, 0.4848

Previews

White Background



This preview shows how the HunterLab color 40.9959, 19.6315, -93.6202 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 × Fail

Black Background



This preview shows how the HunterLab color 40.9959, 19.6315, -93.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

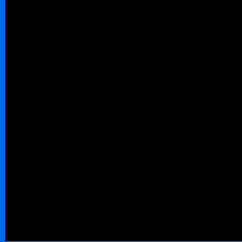
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

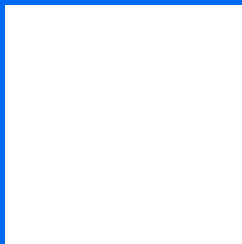
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 40.9959, 19.6315, -93.6202 Background



This preview shows how black text looks on a background with the HunterLab color 40.9959, 19.6315, -93.6202.



This preview shows how white text looks on a background with the HunterLab color 40.9959, 19.6315, -93.6202.

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

40.9959, 19.6315, -93.6202

Protanopia

40.9432, 15.6921, -85.0501

Deuteranopia

40.8178, 1.4715, -54.1952



Tritanopia

40.7958, -19.9200, -7.9895

Trichromacy



Original Color

40.9959, 19.6315, -93.6202

Protanomaly

40.8941, 17.2964, -88.4521

Deuteranomaly

40.8859, 7.7803, -67.8992

Tritanomaly

40.2626, -7.7729, -33.5452

Monochromacy



Original Color

40.9959, 19.6315, -93.6202

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.5856, -0.4130, -26.6020

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9959, 19.6315, -93.6202 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, 107, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 240)  
}
```

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, 107, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9959, 19.6315, -93.6202 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, 107, 240) }
```


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

```
.border{ border-color:rgb(0, 107, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9959, 19.6315, -93.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 240) }
```

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

```
.background{ background-color: rgb(0, 107,  
240) }
```

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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