

Converting Colors

HunterLab(35.9845, 0.0526,
-117.7652)

Have a look what the booklet for
HunterLab(35.9845, 0.0526,
-117.7652) contains.

HunterLab(41.9797, 19.0331, -93.5580)	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(41.9797, 19.0331,
-93.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	006EF3
RGB	0, 110, 243
RGB Percent	0%, 43%, 95%
CMY	0.9997, 0.5686, 0.0471
CMYK	1.00, 0.55, 0.00, 0.05
HSL	213°, 100%, 48%
HSV	213°, 100%, 95%
XYZ	21.7536, 17.6230, 87.0491
YIQ	92.2720, -108.2530, 18.0430

Conversions

Conversions Part 2

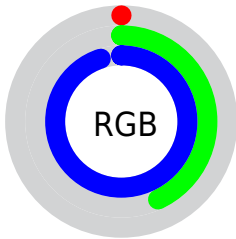
Format	Color
R _{YB}	0, 76, 243
Decimal	28403
CIE _{Lab}	49.04, 25.52, -73.49
CIE _{LCh}	49, 77.797, 289.150
Y _{xy}	17.6234, 0.1721, 0.1394
Android (android.graphics.Color)	4278218483 (0xFF006EF3)
YUV	92.2720, 74.3089, -80.9225
Hunter-Lab	41.9797, 19.0331, -93.5580

Details

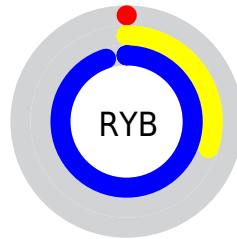
The HunterLab color **41.9797, 19.0331, -93.5580** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **59.8740, 30.4499, 37.4252**, and the grayscale version is **32.5850, -1.7387, 1.7704**.

A 20% lighter version of the original color is **60.0206, 5.6711, -56.3724**, and **26.8551, 24.0997, -85.5909** is the 20% darker color. If you saturate the color by 10%, you get **41.9701, 19.0542, -93.5916**, and if you desaturate by 10%, it is **45.7288, 12.4238, -81.5457**.

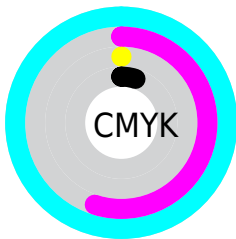
Distribution



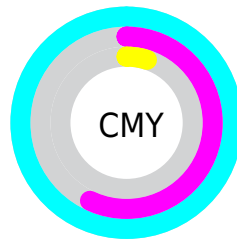
- Red (0%)
- Green (43%)
- Blue (95%)



- Red (0%)
- Yellow (30%)
- Blue (95%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (57%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9797, 19.0331, -93.5580 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 41.9797, 19.0331, -93.5580 by changing the saturation by 10% instead.

■ 41.9797, 19.0331,
-93.5580

■ 41.9797, 19.0331,
-93.5580

■ 154.5120, 22.9431,
-98.5564

■ 32.6802, 18.1433,
-95.0074

■ 62.7650, 20.4757,
-93.1619

■ 24.1910, 17.1168,
-98.2365

■ 74.1559, 21.0496,
-93.5895

■ 16.5992, 15.9398,
-105.0879

■ 86.1630, 21.5388,
-94.2286

■ 10.0268, 14.6131,
-120.7514

■ 98.7561, 21.9509,
-94.9978

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.9093, 22.2924,
-95.8448

0.0000, NaN, -NF

125.5994, 22.5686,

0.0000, NaN, -NF

-96.7348

0.0000, NaN, -NF

139.8064, 22.7842,
-97.6441

■ 41.9797, 19.0331,
-93.5580

■ 41.9797, 19.0331,
-93.5580

■ 41.9701, 19.0542,
-93.5916

■ 45.7288, 12.4238,
-81.5457

■ 49.8957, 6.8358,
-69.8945

■ 54.4708, 2.3800,
-58.6902

■ 59.4122, -1.0046,
-48.0282

■ 64.6775, -3.4262,
-37.9374

■ 70.2283, -5.0062,
-28.4007

■ 76.0313, -5.8611,
-19.3762

■ 82.0580, -6.0955,
-10.8103

■ 88.2843, -5.7994,
-2.6476

Harmonies

Analogous

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



41.9802, -12.8312, -99.4394



41.9797, 19.0331, -93.5580



41.9802, 52.6875, -53.8865

Triad

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



41.9802, 19.0350, -93.5569



41.9802, 44.0097, 26.4783



41.9802, -46.0490, 11.5768

Complementary

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



41.9797, 19.0331, -93.5580



59.8740, 30.4499, 37.4252

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.



41.9802, -38.3396, 24.9701



41.9797, 19.0331, -93.5580



41.9802, 9.5129, 28.5825

Square

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



41.9802, 19.0350, -93.5569



41.9802, 69.7433, 16.8976



41.9802, -19.9775, 28.2948



41.9802, -44.8566, -20.7508

Rectangle

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



41.9797, 19.0331, -93.5580



41.9802, 68.7871, -23.1576



41.9802, -19.9775, 28.2948



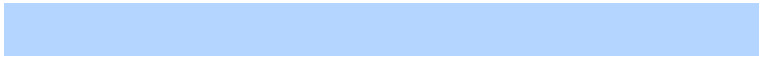
41.9802, -44.5278, 17.8123

Sweetspot

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



41.9802, 19.0350, -93.5569



80.2446, -6.1850, -20.5643



81.0579, -62.4509, 33.5011



35.9125, -2.7233, -11.3503

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9802, 19.0350, -93.5569



44.2393, 20.3283, -99.1783



25.5446, 69.0629, -179.8618



41.4268, -2.6996, -1.0584



31.5103, 13.2177, -67.9184



10.3687, 1.8563, -16.9671

Inverse Universe

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



44.9245, 79.4319, 9.6038



47.4414, 83.8730, 10.2826



90.4143, -27.3718, 55.2324



40.7519, 2.3185, 1.2459



33.3192, 58.9924, 6.5522



9.9808, 17.8641, 0.4676

Previews

White Background



This preview shows how the HunterLab color 41.9797, 19.0331, -93.5580 looks on a white background.

Color Contrast Check

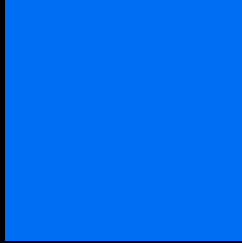
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9797, 19.0331, -93.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

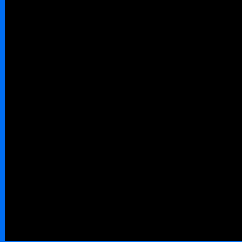
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

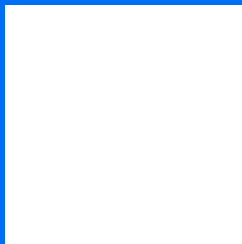
Any Text WCAG AAA × Fail

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

HunterLab 41.9797, 19.0331, -93.5580 Background



This preview shows how black text looks on a background with the HunterLab color 41.9797, 19.0331, -93.5580.



This preview shows how white text looks on a background with the HunterLab color 41.9797, 19.0331, -93.5580.

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

41.9797, 19.0331, -93.5580

Protanopia

41.8130, 16.3503, -87.5583

Deuteranopia

41.8966, 1.2219, -55.0050



Tritanopia

41.8410, -20.4681, -8.1129

Trichromacy



Original Color

41.9797, 19.0331, -93.5580

Protanomaly

41.9534, 17.0558, -89.2566

Deuteranomaly

41.8960, 7.2076, -67.9255

Tritanomaly

41.2961, -8.3132, -33.6707

Monochromacy



Original Color

41.9797, 19.0331, -93.5580

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

34.5833, -0.9994, -26.0316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9797, 19.0331, -93.5580 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, 110, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 243)  
}
```

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, 110, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 243) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9797, 19.0331, -93.5580 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, 110, 243) }
```


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

```
.border{ border-color:rgb(0, 110, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
243) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9797, 19.0331, -93.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 243) }
```

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

```
.background{ background-color: rgb(0, 110,  
243) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor