

Converting Colors

HunterLab(42.0742, 23.7721,
-102.2719)

Have a look what the booklet for
HunterLab(42.0742, 23.7721,
-102.2719) contains.

HunterLab(41.9519, 24.0270, -102.7149)	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(41.9519, 24.0270,
-102.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	116BFB
RGB	17, 107, 251
RGB Percent	7%, 42%, 98%
CMY	0.9331, 0.5804, 0.0157
CMYK	0.93, 0.57, 0.00, 0.02
HSL	217°, 97%, 53%
HSV	217°, 93%, 98%
XYZ	22.9015, 17.5996, 93.4569
YIQ	96.5060, -99.8640, 25.7040

Conversions

Conversions Part 2

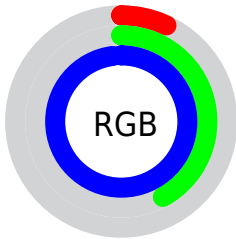
Format	Color
R _Y B	17, 82, 251
Decimal	1141755
CIE _{Lab}	49.01, 30.93, -77.99
CIE _{LCh}	49, 83.899, 291.635
Y _{xy}	17.6000, 0.1710, 0.1314
Android (android.graphics.Color)	4279331835 (0xFF116BFB)
Y _{UV}	96.5060, 76.1655, -69.7268
Hunter-Lab	41.9519, 24.0270, -102.7149

Details

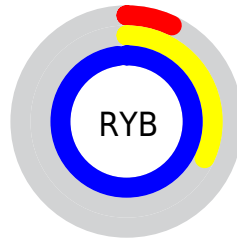
The HunterLab color **41.9519, 24.0270, -102.7149** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **67.8660, 19.6859, 41.6982**, and the grayscale version is **34.1469, -1.8220, 1.8553**.

A 20% lighter version of the original color is **59.4294, 8.1729, -57.6226**, and **26.8100, 28.2802, -94.5590** is the 20% darker color. If you saturate the color by 10%, you get **39.2723, 29.6392, -113.0694**, and if you desaturate by 10%, it is **46.3575, 16.6334, -87.8721**.

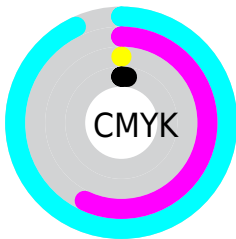
Distribution



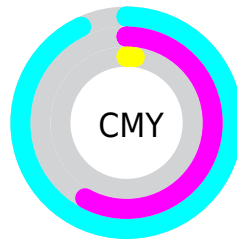
- Red (7%)
- Green (42%)
- Blue (98%)



- Red (7%)
- Yellow (32%)
- Blue (98%)



- Cyan (93%)
- Magenta (57%)
- Yellow (0%)
- Black (2%)



- Cyan (93%)
- Magenta (58%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9519, 24.0270, -102.7149 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 41.9519, 24.0270, -102.7149 by changing the saturation by 10% instead.

■ 41.9519, 24.0270,
-102.7149

■ 41.9519, 24.0270,
-102.7149

■ 154.4690, 29.8599,
-106.8448

■ 32.6546, 22.8910,
-104.7145

■ 62.7332, 25.9441,
-101.7371

■ 24.1678, 21.6163,
-108.8415

■ 74.1223, 26.7443,
-102.0158

■ 16.5787, 20.2007,
-117.2799

■ 86.1276, 27.4527,
-102.5612

■ 10.0095, 18.6822,
-136.1866

■ 98.7191, 28.0772,
-103.2762

0.0000, INF, -NF

0.0000, NaN, -NF

■ 111.8707, 28.6248,
-104.0980

0.0000, NaN, -NF

125.5593, 29.1012,

0.0000, NaN, -NF

-104.9844

0.0000, NaN, -NF

139.7648, 29.5114,
-105.9068

■ 41.9519, 24.0270,
-102.7149

■ 41.9519, 24.0270,
-102.7149

■ 39.2723, 29.6392,
-113.0694

■ 46.3575, 16.6334,
-87.8721

■ 51.2983, 10.5066,
-73.6919

■ 56.7056, 5.6193,
-60.3869

■ 62.5134, 1.8477,
-48.0086

■ 68.6650, -0.9603,
-36.5122

■ 75.1134, -2.9531,
-25.8081

■ 81.8203, -4.2616,
-15.7929

■ 88.7547, -4.9966,
-6.3658

■ 95.8910, -5.2492,
2.5645

Harmonies

Analogous

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



41.9524, -11.1430, -113.4529



41.9519, 24.0270, -102.7149



41.9524, 60.5783, -55.7202

Triad

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



41.9524, 24.0291, -102.7138



41.9524, 45.2736, 27.4577



41.9524, -48.6074, 10.2033

Complementary

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



41.9519, 24.0270, -102.7149



67.8660, 19.6859, 41.6982

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.



41.9524, -41.5223, 25.2103



41.9519, 24.0270, -102.7149



41.9524, 7.4719, 29.2196

Square

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



41.9524, 24.0291, -102.7138



41.9524, 75.2662, 19.0878



41.9524, -23.3062, 28.7238



41.9524, -46.6649, -26.8975

Rectangle

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



41.9519, 24.0270, -102.7149



41.9524, 77.3142, -21.7540



41.9524, -23.3062, 28.7238



41.9524, -47.3094, 17.2821

Sweetspot

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



41.9524, 24.0291, -102.7138



79.9845, -3.7766, -20.9097



84.5950, -61.8429, 28.5556



35.6497, -1.4562, -11.7366

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.9524, 24.0291, -102.7138



39.9540, 30.2522, -115.2447



27.9780, 69.1101, -174.9610



42.1154, -2.3700, -1.3807



28.9265, 20.3796, -80.1493



9.8648, 3.8121, -20.5593

Inverse Universe

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



46.8758, 80.3340, 12.6974



47.0560, 82.4604, 15.8667



92.4473, -33.4425, 56.0387



41.6361, 2.2509, 1.6161



33.5494, 58.8704, 10.7015



10.3076, 18.2731, 1.8469

Previews

White Background



This preview shows how the HunterLab color 41.9519, 24.0270, -102.7149 looks on a white background.

Color Contrast Check

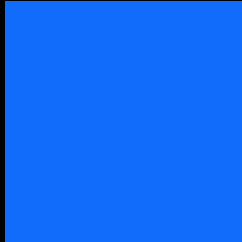
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.9519, 24.0270, -102.7149 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

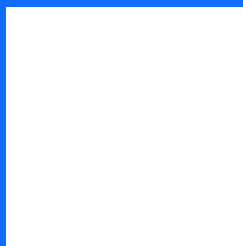
Any Text WCAG AAA × Fail

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

HunterLab 41.9519, 24.0270, -102.7149 Background



This preview shows how black text looks on a background with the HunterLab color 41.9519, 24.0270, -102.7149.



This preview shows how white text looks on a background with the HunterLab color 41.9519, 24.0270, -102.7149.

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

41.9519, 24.0270, -102.7149

Protanopia

41.7433, 15.9988, -86.7123

Deuteranopia

41.8395, 0.9135, -54.2677



Tritanopia

41.4921, -20.2851, -8.0717

Trichromacy



Original Color

41.9519, 24.0270, -102.7149

Protanomaly

41.8825, 18.4572, -91.6762

Deuteranomaly

41.7941, 8.5381, -70.1522

Tritanomaly

40.8485, -6.6918, -36.0812

Monochromacy



Original Color

41.9519, 24.0270, -102.7149

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.8277, 1.0105, -27.7782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9519, 24.0270, -102.7149 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(17, 107, 251)` looks like.

```
.text, #text, p{  
    color:rgb(17, 107, 251)  
}
```

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(17, 107, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 107, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9519, 24.0270, -102.7149 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(17, 107, 251) }
```


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

```
.border{ border-color:rgb(17, 107, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 107, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 107, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 107, 251);  
box-shadow:4px 4px 4px 4px rgb(17, 107,  
251) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9519, 24.0270, -102.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 107, 251) }
```

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

```
.background{ background-color: rgb(17, 107,  
251) }
```

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