

Converting Colors

HunterLab(43.8760, 21.1224,
-100.4383)

Have a look what the booklet for
HunterLab(43.8760, 21.1224,
-100.4383) contains.

HunterLab(43.8801, 21.1133, -100.4240)	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>	30

Color

**HunterLab(43.8801, 21.1133,
-100.4240)**

Conversions

Conversions Part 1

Format	Color
Hex	0072FF
RGB	0, 114, 255
RGB Percent	0%, 45%, 100%
CMY	0.9997, 0.5529, 0.0000
CMYK	1.00, 0.55, 0.00, 0.00
HSL	213°, 100%, 50%
HSV	213°, 100%, 100%
XYZ	24.0673, 19.2546, 97.0558
YIQ	95.9880, -113.2050, 19.6830

Conversions

Conversions Part 2

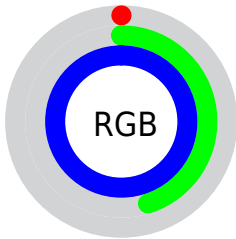
Format	Color
R_{YB}	0, 79, 255
Decimal	29439
CIE _{Lab}	50.98, 27.60, -76.99
CIE _{LCh}	51, 81.788, 289.725
Yxy	19.2550, 0.1715, 0.1372
Android (android.graphics.Color)	4278219519 (0xFF0072FF)
YUV	95.9880, 78.3929, -84.1815
Hunter-Lab	43.8801, 21.1133, -100.4240

Details

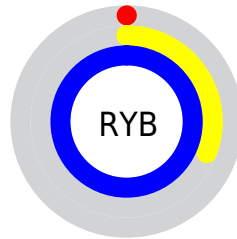
The HunterLab color **43.8801, 21.1133, -100.4240** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark saturated azure. A complement of this color would be **63.5075, 31.5785, 39.6839**, and the grayscale version is **33.9520, -1.8116, 1.8447**.

A 20% lighter version of the original color is **61.3522, 4.1089, -53.5508**, and **28.5753, 25.8600, -91.5409** is the 20% darker color. If you saturate the color by 10%, you get **43.8694, 21.1368, -100.4613**, and if you desaturate by 10%, it is **47.8534, 13.9785, -87.4865**.

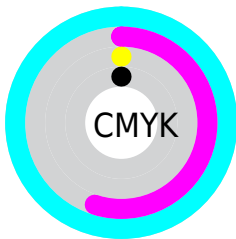
Distribution



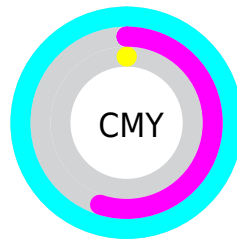
- Red (0%)
- Green (45%)
- Blue (100%)



- Red (0%)
- Yellow (31%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.8801, 21.1133, -100.4240 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 43.8801, 21.1133, -100.4240 by changing the saturation by 10% instead.

■ 43.8801, 21.1133,
-100.4240

■ 43.8801, 21.1133,
-100.4240

■ 157.4335, 25.6309,
-105.1675

■ 34.4307, 20.1514,
-102.0202

■ 64.9343, 22.6993,
-99.8363

■ 25.7776, 19.0542,
-105.4230

■ 76.4478, 23.3435,
-100.2105

■ 18.0027, 17.8104,
-112.3967

■ 88.5713, 23.9017,
-100.8166

■ 11.2196, 16.4239,
-127.6708

■ 101.2754, 24.3815,
-101.5691

■ 3.3010, 36.2619,
-291.0962

■ 114.5349, 24.7893,
-102.4124

0.0000, NaN, -NF

0.0000, NaN, -NF

128.3273, 25.1305,

-103.3091

0.0000, NaN, -NF

142.6328, 25.4097,
-104.2335

0.0000, NaN, -NF

■ 43.8801, 21.1133,
-100.4240

■ 43.8801, 21.1133,
-100.4240

■ 43.8694, 21.1368,
-100.4613

■ 47.8534, 13.9785,
-87.4865

■ 52.2816, 7.9388,
-74.9352

■ 57.1507, 3.1100,
-62.8788

■ 62.4139, -0.5728,
-51.4234

■ 68.0249, -3.2263,
-40.5992

■ 73.9418, -4.9820,
-30.3856

■ 80.1282, -5.9658,
-20.7338

■ 86.5533, -6.2903,
-11.5838

■ 93.1912, -6.0522,
-2.8732

Harmonies

Analogous

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



43.8806, -13.0686, -107.6796



43.8801, 21.1133, -100.4240



43.8806, 57.1088, -57.0481

Triad

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



43.8806, 21.1151, -100.4223



43.8806, 46.5027, 27.9645



43.8806, -48.8563, 11.8251

Complementary

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



43.8801, 21.1133, -100.4240



63.5075, 31.5785, 39.6839

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.



43.8806, -40.9322, 26.2014



43.8801, 21.1133, -100.4240



43.8806, 9.5217, 30.0147

Square

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



43.8806, 21.1151, -100.4223



43.8806, 74.5026, 18.2325



43.8806, -21.7198, 29.6853



43.8806, -47.4294, -23.1650

Rectangle

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



43.8801, 21.1133, -100.4240



43.8806, 74.1691, -24.0040



43.8806, -21.7198, 29.6853



43.8806, -47.3174, 18.5447

Sweetspot

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



43.8806, 21.1151, -100.4223



80.1097, -5.9639, -20.7613



85.6868, -65.5514, 34.4086



35.8416, -2.6069, -11.4581

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



43.8806, 21.1151, -100.4223



43.8694, 21.1368, -100.4613



27.0293, 72.9840, -189.5934



43.2599, -2.7892, -1.1459



32.1616, 14.2981, -71.0647



11.0510, 2.3901, -18.9724

Inverse Universe

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



47.4094, 83.7438, 10.7707



47.4067, 83.7461, 10.7833



95.1012, -30.4130, 58.0671



42.5700, 2.4323, 1.3265



34.3106, 60.6912, 7.1839



10.8066, 19.3043, 0.7996

Previews

White Background



This preview shows how the HunterLab color 43.8801, 21.1133, -100.4240 looks on a white background.

Color Contrast Check

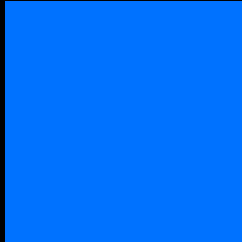
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 43.8801, 21.1133, -100.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

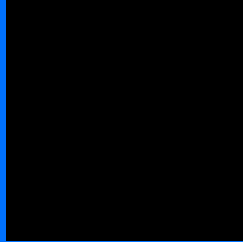
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

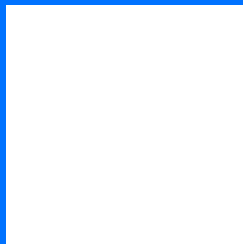
Any Text WCAG AAA × Fail

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

HunterLab 43.8801, 21.1133, -100.4240 Background



This preview shows how black text looks on a background with the HunterLab color 43.8801, 21.1133, -100.4240.



This preview shows how white text looks on a background with the HunterLab color 43.8801, 21.1133, -100.4240.

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

43.8801, 21.1133, -100.4240

Protanopia

43.8249, 17.1242, -91.7436

Tritanopia

43.5926, -21.3867, -8.3192

Trichromacy



Original Color

43.8801, 21.1133, -100.4240

Protanomaly

43.7762, 18.7495, -95.1912

Tritanomaly

43.1250, -8.6771, -35.1710

Monochromacy



Original Color

43.8801, 21.1133, -100.4240

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

36.0911, -0.8053, -27.9979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.8801, 21.1133, -100.4240 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, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 114, 255)  
}
```

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, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 114, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 43.8801, 21.1133, -100.4240 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, 114, 255) }
```

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

```
.border{ border-color:rgb(0, 114, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 114, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 114,  
255) }
```


Background

The CSS property to change the background color of an element to HunterLab 43.8801, 21.1133, -100.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 114, 255) }
```

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

```
.background{ background-color: rgb(0, 114,  
255) }
```

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