

Converting Colors

HunterLab(41.1571, 46.1463,
-83.3998)

Have a look what the booklet for
HunterLab(41.1571, 46.1463,
-83.3998) contains.

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Color

**HunterLab(41.2302, 46.1755,
-83.5703)**

Conversions

Conversions Part 1

Format	Color
Hex	8553E8
RGB	133, 83, 232
RGB Percent	52%, 33%, 91%
CMY	0.4784, 0.6745, 0.0902
CMYK	0.43, 0.64, 0.00, 0.09
HSL	260°, 76%, 62%
HSV	260°, 64%, 91%
XYZ	27.3317, 16.9993, 78.1847
YIQ	114.9360, -18.0290, 56.9390

Conversions

Conversions Part 2

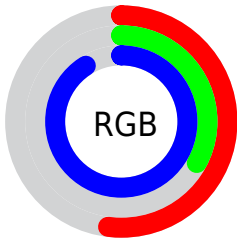
Format	Color
R_{YB}	133, 83, 232
Decimal	8737768
CIE _{Lab}	48.26, 53.05, -68.30
CIE _{LCh}	48, 86.482, 307.834
Yxy	16.9998, 0.2231, 0.1388
Android (android.graphics.Color)	4286927848 (0xFF8553E8)
YUV	114.9360, 57.7126, 15.8421
Hunter-Lab	41.2302, 46.1755, -83.5703

Details

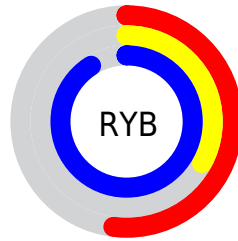
The HunterLab color **41.2302, 46.1755, -83.5703** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **82.6335, -37.2302, 44.3946**, and the grayscale version is **41.1715, -2.1968, 2.2369**.

A 20% lighter version of the original color is **59.7950, 39.9983, -56.2631**, and **23.5471, 42.1943, -86.8728** is the 20% darker color. If you saturate the color by 10%, you get **35.8609, 54.6477, -103.1685**, and if you desaturate by 10%, it is **47.4456, 37.4699, -65.5114**.

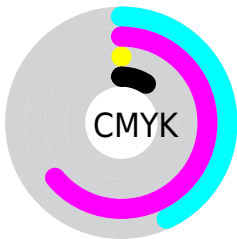
Distribution



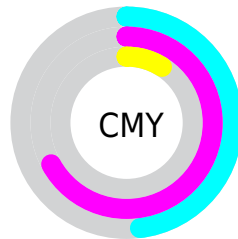
- Red (52%)
- Green (33%)
- Blue (91%)



- Red (52%)
- Yellow (33%)
- Blue (91%)



- Cyan (43%)
- Magenta (64%)
- Yellow (0%)
- Black (9%)



- Cyan (48%)
- Magenta (67%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.2302, 46.1755, -83.5703 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 41.2302, 46.1755, -83.5703 by changing the saturation by 10% instead.

41.2302, 46.1755,
-83.5703

41.2302, 46.1755,
-83.5703

153.3530, 59.1786,
-89.1895

31.9912, 44.2315,
-84.5590

61.9076, 49.7636,
-83.6574

23.5683, 42.2295,
-87.0507

73.2492, 51.3950,
-84.2030

16.0506, 40.2917,
-92.6552

85.2096, 52.9219,
-84.9101

9.5641, 38.8283,
-106.0051

97.7582, 54.3495,
-85.7115

0.0000, INF, -NF

0.0000, NaN, -NF

110.8687, 55.6836,
-86.5641

0.0000, NaN, -NF

124.5180, 56.9297,

0.0000, NaN, NaN

-87.4396

138.6855, 58.0931,
-88.3191

■ 41.2302, 46.1755,
-83.5703

■ 41.2302, 46.1755,
-83.5703

■ 35.8609, 54.6477,
-103.1685

■ 47.4456, 37.4699,
-65.5114

■ 31.5591, 61.9327,
-122.8974

■ 54.3207, 28.9676,
-49.3491

■ 28.5293, 66.5923,
-139.9145

■ 61.7184, 20.8079,
-34.9457

■ 27.2763, 68.0709,
-147.9495

■ 69.5386, 12.9946,
-22.0160

■ 77.7088, 5.4826,
-10.2693

■ 86.1756, -1.7844,
0.5438

■ 94.8990, -8.8589,
10.6236

■ 99.3007, -9.1805,
15.4445

Harmonies

Analogous

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



41.2309, 7.1141, -119.5615



41.2302, 46.1755, -83.5703



41.2309, 77.7153, -28.8782

Triad

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



41.2309, 46.1761, -83.5687



41.2309, 25.5458, 28.5483



41.2309, -49.1057, -7.1873

Complementary

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



41.2302, 46.1755, -83.5703



82.6335, -37.2302, 44.3946

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.



41.2309, -47.0278, 19.5152



41.2302, 46.1755, -83.5703



41.2309, -10.7583, 28.8616

Square

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



41.2309, 46.1761, -83.5687



41.2309, 63.3576, 25.0926



41.2309, -35.1867, 27.3602



41.2309, -42.2394, -57.2133

Rectangle

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



41.2302, 46.1755, -83.5703



41.2309, 85.8275, -0.1818



41.2309, -35.1867, 27.3602



41.2309, -49.3740, 4.5314

Sweetspot

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



41.2309, 46.1761, -83.5687



82.0278, 10.1415, -17.6601



64.2326, -15.3393, -31.1586



36.7460, 5.8093, -9.9290

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



41.2309, 46.1761, -83.5687



38.2594, 63.6203, -121.9233



50.3015, 66.1158, -57.8335



37.5779, 0.9133, -2.3011



20.4747, 50.8605, -109.2251



5.9938, 14.2521, -27.0384

Inverse Universe

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



51.6913, 64.2968, -17.7825



52.9441, 82.6069, -19.9122



78.4321, -53.9999, 41.1976



38.1165, 2.5051, 0.1834



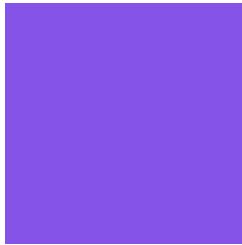
32.9340, 60.4151, -9.8400



9.0479, 16.7638, -3.9913

Previews

White Background



This preview shows how the HunterLab color 41.2302, 46.1755, -83.5703 looks on a white background.

Color Contrast Check

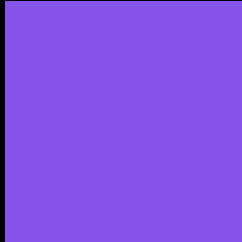
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.2302, 46.1755, -83.5703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

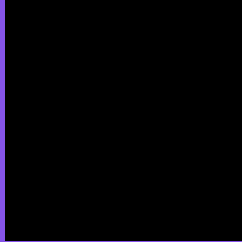
Any Text WCAG AA × Fail

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 41.2302, 46.1755, -83.5703 Background



This preview shows how black text looks on a background with the HunterLab color 41.2302, 46.1755, -83.5703.



This preview shows how white text looks on a background with the HunterLab color 41.2302, 46.1755, -83.5703.

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

41.2302, 46.1755, -83.5703

Protanopia

41.3429, 15.8453, -85.8806

Deuteranopia

41.2727, 1.9047, -55.6991



Tritanopia

41.0396, -2.9578, -2.3121

Trichromacy



Original Color

41.2302, 46.1755, -83.5703

Protanomaly

39.5296, 23.3211, -90.8613

Deuteranomaly

39.4798, 14.1388, -70.9659

Tritanomaly

40.0722, 13.0096, -26.3478

Monochromacy



Original Color

41.2302, 46.1755, -83.5703

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

40.3815, 13.5302, -22.3746

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.2302, 46.1755, -83.5703 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(133, 83, 232)` looks like.

```
.text, #text, p{  
    color:rgb(133, 83, 232)  
}
```

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(133, 83, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 83, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 41.2302, 46.1755, -83.5703 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(133, 83, 232) }
```


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

```
.border{ border-color:rgb(133, 83, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 83, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 83, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 83, 232);  
box-shadow:4px 4px 4px 4px rgb(133, 83,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.2302, 46.1755, -83.5703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 83, 232) }
```

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

```
.background{ background-color: rgb(133, 83,  
232) }
```

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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