

Converting Colors

HunterLab(46.7193, 80.8835,
21.5127)

Have a look what the booklet for
HunterLab(46.7193, 80.8835,
21.5127) contains.

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Color

**HunterLab(46.7175, 80.8831,
21.5255)**

Conversions

Conversions Part 1

Format	Color
Hex	FF024C
RGB	255, 2, 76
RGB Percent	100%, 1%, 30%
CMY	0.0000, 0.9919, 0.7020
CMYK	0.00, 0.99, 0.70, 0.00
HSL	342°, 100%, 50%
HSV	342°, 99%, 100%
XYZ	42.5662, 21.8252, 8.8067
YIQ	86.0830, 127.0340, 76.6500

Conversions

Conversions Part 2

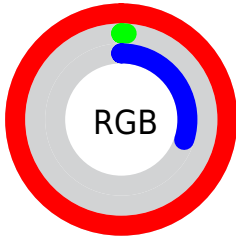
Format	Color
R_{YB}	255, 2, 76
Decimal	16712268
CIE Lab	53.84, 81.50, 33.92
CIE LCh	54, 88.277, 22.600
Yxy	21.8266, 0.5815, 0.2982
Android (android.graphics.Color)	4294902348 (0xFFFF024C)
YUV	86.0830, -4.9709, 148.1402
Hunter-Lab	46.7175, 80.8831, 21.5255

Details

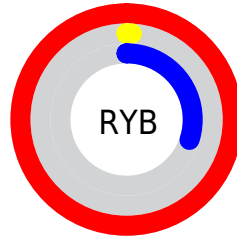
The HunterLab color **46.7175, 80.8831, 21.5255** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **86.5286, -60.3823, 22.2813**, and the grayscale version is **30.5354, -1.6293, 1.6590**.

A 20% lighter version of the original color is **56.1035, 58.7025, 15.0944**, and **33.0585, 56.9458, 18.7869** is the 20% darker color. If you saturate the color by 10%, you get **46.6492, 80.9636, 21.8077**, and if you desaturate by 10%, it is **47.8321, 79.2516, 17.7213**.

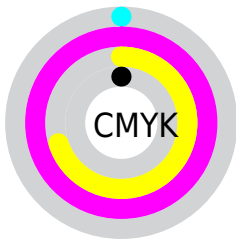
Distribution



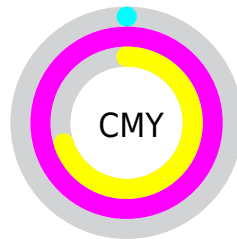
- Red (100%)
- Green (1%)
- Blue (30%)



- Red (100%)
- Yellow (1%)
- Blue (30%)



- Cyan (0%)
- Magenta (99%)
- Yellow (70%)
- Black (0%)



- Cyan (0%)
- Magenta (99%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7175, 80.8831, 21.5255 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 46.7175, 80.8831, 21.5255 by changing the saturation by 10% instead.

46.7175, 80.8831,
21.5255

46.7175, 80.8831,
21.5255

161.7527,
100.7191, 42.8146

37.0534, 78.4172,
18.7042

68.1610, 85.8131,
26.7513

28.1652, 76.1139,
15.6845

79.8521, 88.1972,
29.2119

20.1295, 74.2681,
12.6114

92.1444, 90.5010,
31.5981

13.0487, 73.6722,
9.1341

105.0098, 92.7185,
33.9241

6.5222, 85.5529,
4.5656

118.4237, 94.8479,
36.2008

0.0000, INF, NaN

0.0000, INF, NaN

132.3647, 96.8897,

38.4369

0.0000, NaN, NaN

146.8134, 98.8459,
40.6396

0.0000, NaN, NaN

■ 46.7175, 80.8831,
21.5255

■ 46.7175, 80.8831,
21.5255

■ 46.6492, 80.9636,
21.8077

■ 47.8321, 79.2516,
17.7213

■ 49.9844, 74.8196,
13.8946

■ 53.2968, 67.6363,
10.4767

■ 57.7223, 58.4209,
7.7337

■ 63.1449, 47.9960,
5.7707

■ 69.4250, 37.0255,
4.5691

■ 76.4282, 25.9435,
4.0448

■ 84.0376, 14.9895,
4.0930

■ 92.1569, 4.2728,
4.6133

Harmonies

Analogous

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



46.7190, 88.7077, -6.8320



46.7175, 80.8831, 21.5255



46.7190, 47.8462, 30.5064

Triad

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



46.7190, 80.8773, 21.5265



46.7190, -45.9862, 27.5544



46.7190, -11.1411, -122.6407

Complementary

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



46.7175, 80.8831, 21.5255



86.5286, -60.3823, 22.2813

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.



46.7190, -37.7512, -86.7946



46.7175, 80.8831, 21.5255



46.7190, -53.4838, 10.3049

Square

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



46.7190, 80.8773, 21.5265



46.7190, -26.3851, 31.6976



46.7190, -51.0142, -30.8026



46.7190, 27.4336, -109.4873

Rectangle

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



46.7175, 80.8831, 21.5255



46.7190, 20.2380, 31.9407



46.7190, -51.0142, -30.8026



46.7190, -21.5717, -115.3530

Sweetspot

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



46.7190, 80.8773, 21.5265



75.8358, 26.8408, 4.0646



41.0646, 87.6245, -109.7582



33.6919, 14.5784, 1.9571

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.7190, 80.8773, 21.5265



46.6494, 80.9639, 21.8078



48.7641, 70.2646, 31.2060



42.5140, 2.1318, 2.1238



33.7541, 58.6479, 15.2761



10.6179, 18.6146, 3.5192

Inverse Universe

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



46.7190, 80.8773, 21.5265



46.6494, 80.9639, 21.8078



71.1448, -24.7292, -35.4366



42.5140, 2.1318, 2.1238



33.7541, 58.6479, 15.2761



10.6179, 18.6146, 3.5192

Previews

White Background



This preview shows how the HunterLab color 46.7175, 80.8831, 21.5255 looks on a white background.

Color Contrast Check

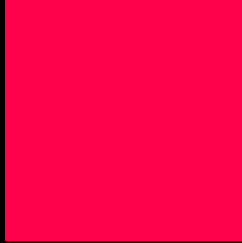
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.7175, 80.8831, 21.5255 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 46.7175, 80.8831, 21.5255 Background



This preview shows how black text looks on a background with the HunterLab color 46.7175, 80.8831, 21.5255.



This preview shows how white text looks on a background with the HunterLab color 46.7175, 80.8831,

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

46.7175, 80.8831, 21.5255

Protanopia

47.3199, -3.1539, 9.5284

Deuteranopia

47.1795, 3.0558, 23.0297



Tritanopia

47.0330, 75.3397, 29.1411

Trichromacy



Original Color

46.7175, 80.8831, 21.5255

Protanomaly

40.8538, 33.2973, 8.2594

Deuteranomaly

42.1388, 38.1626, 18.9391

Tritanomaly

46.6401, 77.5056, 27.0671

Monochromacy



Original Color

46.7175, 80.8831, 21.5255

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

30.8944, 32.1493, 4.2801

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7175, 80.8831, 21.5255 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(255, 2, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 2, 76)  
}
```

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(255, 2, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 2, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7175, 80.8831, 21.5255 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(255, 2, 76) }
```


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

```
.border{ border-color:rgb(255, 2, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 2, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 2, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 2, 76);  
box-shadow:4px 4px 4px 4px rgb(255, 2, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.7175, 80.8831, 21.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 2, 76) }
```

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

```
.background{ background-color: rgb(255, 2,  
76) }
```

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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