

Converting Colors

HunterLab(46.2050, 79.3200,
28.3638)

Have a look what the booklet for
HunterLab(46.2050, 79.3200,
28.3638) contains.

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Color

**HunterLab(46.2047, 79.3189,
28.3681)**

Conversions

Conversions Part 1

Format	Color
Hex	FF001D
RGB	255, 0, 29
RGB Percent	100%, 0%, 11%
CMY	0.0000, 0.9997, 0.8863
CMYK	0.00, 1.00, 0.89, 0.00
HSL	353°, 100%, 50%
HSV	353°, 100%, 100%
XYZ	41.4618, 21.3487, 3.0979
YIQ	79.5510, 142.6710, 63.0790

Conversions

Conversions Part 2

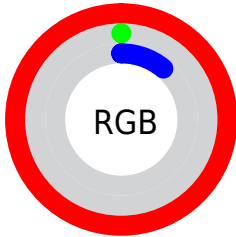
Format	Color
R_{YB}	255, 0, 29
Decimal	16711709
CIE _{Lab}	53.33, 80.37, 58.48
CIE _{LCh}	53, 99.390, 36.041
Yxy	21.3501, 0.6291, 0.3239
Android (android.graphics.Color)	4294901789 (0xFFFF001D)
YUV	79.5510, -24.9216, 153.8688
Hunter-Lab	46.2047, 79.3189, 28.3681

Details

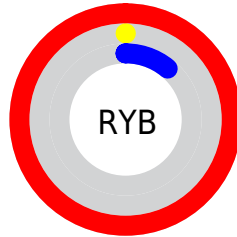
The HunterLab color **46.2047, 79.3189, 28.3681** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **87.7581, -52.8983, 4.5052**, and the grayscale version is **28.2263, -1.5061, 1.5336**.

A 20% lighter version of the original color is **55.0865, 55.4232, 27.3574**, and **32.6977, 55.9957, 21.1284** is the 20% darker color. If you saturate the color by 10%, you get **46.2042, 79.3174, 28.3729**, and if you desaturate by 10%, it is **47.1426, 77.3266, 26.3749**.

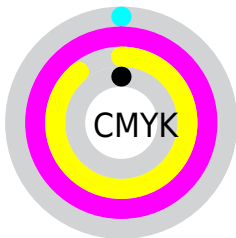
Distribution



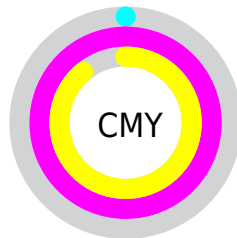
- Red (100%)
- Green (0%)
- Blue (11%)



- Red (100%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (89%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 46.2047, 79.3189, 28.3681 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 46.2047, 79.3189, 28.3681 by changing the saturation by 10% instead.


 46.2047, 79.3189,
28.3681


 46.2047, 79.3189,
28.3681


160.9762, 98.9395,
62.0028


 36.5789, 76.8672,
23.7494


 67.5792, 84.2098,
36.8917


 27.7324, 74.5738,
19.4127


 79.2387, 86.5711,
40.8575


 19.7428, 72.7337,
13.8199

 91.5009, 88.8509,
44.6644

 12.7143, 72.1503,
8.9000

 104.3375, 91.0434,
48.3355

 6.0722, 87.4075,
4.2505

 117.7239, 93.1471,
51.8902


0.0000, INF, NaN

0.0000, INF, NaN


 131.6384, 95.1629,


55.3444


0.0000, NaN, NaN


 146.0616, 97.0928,
58.7116


0.0000, NaN, NaN


 46.2047, 79.3189,
28.3681


 46.2047, 79.3189,
28.3681


 46.2042, 79.3174,
28.3729

 47.1426, 77.3266,
26.3749

 49.1234, 72.7178,
23.6777

 52.3140, 65.4509,
20.6140

 56.6734, 56.2665,
17.5078

 62.0810, 46.0135,
14.6069

■ 68.3879, 35.3650,
12.0473

■ 75.4498, 24.7448,
9.8728

■ 83.1414, 14.3718,
8.0716

■ 91.3603, 4.3320,
6.6059

Harmonies

Analogous

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



46.2062, 103.8782, 9.6801



46.2047, 79.3189, 28.3681



46.2062, 33.7786, 32.2436

Triad

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



46.2062, 79.3129, 28.3689



46.2062, -54.4225, 23.6767



46.2062, 6.0547, -149.5229

Complementary

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



46.2047, 79.3189, 28.3681



87.7581, -52.8983, 4.5052

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.



46.2062, -30.1344, -130.2300



46.2047, 79.3189, 28.3681



46.2062, -57.3614, -6.0201

Square

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



46.2062, 79.3129, 28.3689



46.2062, -40.0702, 31.3053



46.2062, -50.2305, -66.1712



46.2062, 53.1450, -107.1660

Rectangle

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



46.2047, 79.3189, 28.3681



46.2062, 3.0579, 32.3443



46.2062, -50.2305, -66.1712



46.2062, -7.7457, -150.3102

Sweetspot

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



46.2062, 79.3129, 28.3689



75.4293, 24.7744, 9.8784



48.2395, 97.5698, -84.8462



33.4813, 13.5236, 4.9728

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2062, 79.3129, 28.3689



46.2043, 79.3176, 28.3730



54.7328, 52.8952, 34.6499



42.4507, 1.7910, 3.0279



33.4150, 57.3941, 20.2746



10.4761, 18.0919, 5.5963

Inverse Universe

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



46.2062, 79.3129, 28.3689



46.2043, 79.3176, 28.3730



56.0608, -2.0928, -65.5488



42.4507, 1.7910, 3.0279



33.4150, 57.3941, 20.2746



10.4761, 18.0919, 5.5963

Previews

White Background



This preview shows how the HunterLab color 46.2047, 79.3189, 28.3681 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 46.2047, 79.3189, 28.3681 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 46.2047, 79.3189, 28.3681 Background



This preview shows how black text looks on a background with the HunterLab color 46.2047, 79.3189, 28.3681.



This preview shows how white text looks on a background with the HunterLab color 46.2047, 79.3189,

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

46.2047, 79.3189, 28.3681

Protanopia

46.7736, -5.6369, 24.6048

Deuteranopia

46.5893, 3.0030, 28.7607



Tritanopia

46.3632, 76.0015, 29.8993

Trichromacy



Original Color

46.2047, 79.3189, 28.3681

Protanomaly

40.5053, 31.5265, 22.0231

Deuteranomaly

41.4834, 37.3428, 25.7631

Tritanomaly

46.2997, 77.4454, 29.4800

Monochromacy



Original Color

46.2047, 79.3189, 28.3681

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

29.3834, 30.7579, 9.7361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2047, 79.3189, 28.3681 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, 0, 29)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 29)  
}
```

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, 0, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2047, 79.3189, 28.3681 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, 0, 29) }
```


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

```
.border{ border-color:rgb(255, 0, 29) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 29);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.2047, 79.3189, 28.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 29) }
```

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

```
.background{ background-color: rgb(255, 0,  
29) }
```

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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