

Converting Colors

HunterLab(46.1188, 79.0002,
29.6425)

Have a look what the booklet for
HunterLab(46.1188, 79.0002,
29.6425) contains.

HunterLab(46.1181, 78.9976, 29.6531)	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(46.1181, 78.9976,
29.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0004
RGB	255, 0, 4
RGB Percent	100%, 0%, 2%
CMY	0.0000, 0.9997, 0.9843
CMYK	0.00, 1.00, 0.98, 0.00
HSL	359°, 100%, 50%
HSV	359°, 100%, 100%
XYZ	41.2619, 21.2688, 2.0454
YIQ	76.7010, 150.6960, 55.3040

Conversions

Conversions Part 2

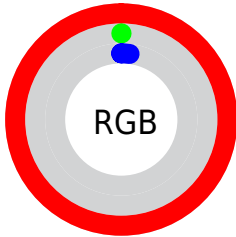
Format	Color
R_{YB}	255, 0, 4
Decimal	16711684
CIE Lab	53.24, 80.13, 66.22
CIE LCh	53, 103.950, 39.569
Yxy	21.2702, 0.6390, 0.3294
Android (android.graphics.Color)	4294901764 (0xFFFF0004)
YUV	76.7010, -35.8416, 156.3682
Hunter-Lab	46.1181, 78.9976, 29.6531

Details

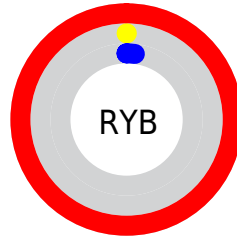
The HunterLab color **46.1181, 78.9976, 29.6531** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **88.5943, -47.8840, -7.3645**, and the grayscale version is **27.2358, -1.4532, 1.4798**.

A 20% lighter version of the original color is **54.7382, 55.0780, 29.9116**, and **32.5035, 55.6633, 21.0030** is the 20% darker color. If you saturate the color by 10%, you get **46.1177, 78.9967, 29.6554**, and if you desaturate by 10%, it is **46.9777, 76.7020, 28.8144**.

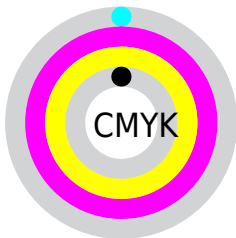
Distribution



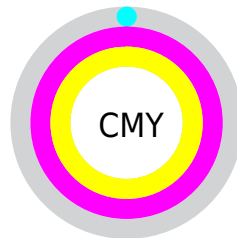
- Red (100%)
- Green (0%)
- Blue (2%)



- Red (100%)
- Yellow (0%)
- Blue (2%)



- Cyan (0%)
- Magenta (100%)
- Yellow (98%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1181, 78.9976, 29.6531 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 46.1181, 78.9976, 29.6531 by changing the saturation by 10% instead.


 46.1181, 78.9976,
29.6531


 46.1181, 78.9976,
29.6531

 160.8449, 98.5714,
67.2215


 36.4988, 76.5488,
24.6019


 67.4809, 83.8801,
39.1839


 27.6593, 74.2569,
19.3615


 79.1350, 86.2365,
43.6261

 19.6776, 72.4165,
13.7743

 91.3922, 88.5110,
47.8883

 12.6580, 71.8316,
8.8606

 104.2239, 90.6980,
51.9943

 5.9927, 87.7403,
4.1949

 117.6057, 92.7962,
55.9644


0.0000, INF, NaN

0.0000, INF, NaN


 131.5156, 94.8063,


59.8162


0.0000, NaN, NaN


 145.9345, 96.7304,
63.5643


0.0000, NaN, NaN


 46.1181, 78.9976,
29.6531


 46.1181, 78.9976,
29.6531


 46.1177, 78.9967,
29.6554

 46.9777, 76.7020,
28.8144

 48.8898, 71.7950,
27.1180

 52.0356, 64.2866,
24.6911

 56.3781, 54.9544,
21.8086

 61.7947, 44.6695,
18.7531

68.1324, 34.1084,
15.7311

75.2420, 23.6837,
12.8584

82.9941, 13.5968,
10.1824

91.2831, 3.9163,
7.7097

Harmonies

Analogous

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



46.1196, 109.0105, 13.6582



46.1181, 78.9976, 29.6531



46.1196, 29.6853, 32.2837

Triad

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



46.1196, 78.9915, 29.6539



46.1196, -56.7916, 22.2429



46.1196, 11.9300, -158.8676

Complementary

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



46.1181, 78.9976, 29.6531



88.5943, -47.8840, -7.3645

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.



46.1196, -27.6727, -146.0065



46.1181, 78.9976, 29.6531



46.1196, -58.5634, -12.3803

Square

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



46.1196, 78.9915, 29.6539



46.1196, -43.8425, 31.2349



46.1196, -50.0790, -79.5893



46.1196, 62.0245, -106.6799

Rectangle

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



46.1181, 78.9976, 29.6531



46.1196, -1.8473, 32.2837



46.1196, -50.0790, -79.5893



46.1196, -3.0760, -162.6226

Sweetspot

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



46.1196, 78.9915, 29.6539



75.2212, 23.7127, 12.8663



52.6160, 103.8204, -72.3681



33.3749, 12.9888, 6.5026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.1196, 78.9915, 29.6539



46.1179, 78.9970, 29.6555



59.5795, 40.6183, 37.4216



42.4165, 1.6072, 3.5157



33.3396, 57.1144, 21.3931



10.4105, 17.8489, 6.5667

Inverse Universe

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



46.1196, 78.9915, 29.6539



46.1179, 78.9970, 29.6555



48.6462, 11.2734, -85.1343



42.4165, 1.6072, 3.5157



33.3396, 57.1144, 21.3931



10.4105, 17.8489, 6.5667

Previews

White Background



This preview shows how the HunterLab color 46.1181, 78.9976, 29.6531 looks on a white background.

Color Contrast Check

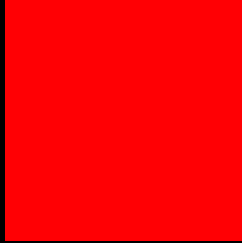
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.1181, 78.9976, 29.6531 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 46.1181, 78.9976, 29.6531 Background



This preview shows how black text looks on a background with the HunterLab color 46.1181, 78.9976, 29.6531.



This preview shows how white text looks on a background with the HunterLab color 46.1181, 78.9976,

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

46.1181, 78.9976, 29.6531

Protanopia

46.6258, -6.4583, 26.7879

Deuteranopia

46.4763, 2.6228, 28.6844



Tritanopia

46.4068, 75.8552, 29.9236

Trichromacy



Original Color

46.1181, 78.9976, 29.6531

Protanomaly

40.3520, 30.8132, 24.2889

Deuteranomaly

41.4569, 37.2229, 26.1561

Tritanomaly

46.2760, 77.3564, 29.8325

Monochromacy



Original Color

46.1181, 78.9976, 29.6531

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.5967, 30.0365, 11.8905

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1181, 78.9976, 29.6531 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 46.1181, 78.9976, 29.6531 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, 4) }
```


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

```
.border{ border-color:rgb(255, 0, 4) }
```

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, 4)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 46.1181, 78.9976, 29.6531 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, 4) }
```

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

```
.background{ background-color: rgb(255, 0,  
4) }
```

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