

Converting Colors

HunterLab(46.2956, 78.3143,
29.8977)

Have a look what the booklet for
HunterLab(46.2956, 78.3143,
29.8977) contains.

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Color

**HunterLab(46.2965, 78.3201,
29.8988)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0800
RGB	255, 8, 0
RGB Percent	100%, 3%, 0%
CMY	0.0000, 0.9683, 1.0000
CMYK	0.00, 0.97, 1.00, 0.00
HSL	2°, 100%, 50%
HSV	2°, 100%, 100%
XYZ	41.3268, 21.4337, 1.9590
YIQ	80.9410, 149.7800, 49.8760

Conversions

Conversions Part 2

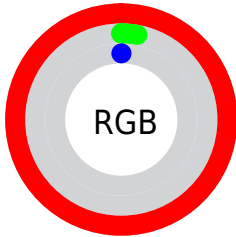
Format	Color
RYB	255, 8, 0
Decimal	16713728
CIELab	53.42, 79.56, 67.28
CIElCh	53, 104.197, 40.222
Yxy	21.4350, 0.6385, 0.3312
Android (android.graphics.Color)	4294903808 (0xFFFF0800)
YUV	80.9410, -39.9039, 152.6497
Hunter-Lab	46.2965, 78.3201, 29.8988

Details

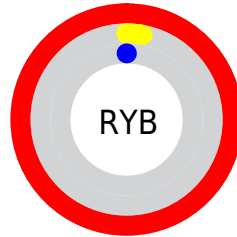
The HunterLab color **46.2965, 78.3201, 29.8988** is a dark color, and the websafe version is hex **FF0000**, and the color name is **candy apple red**. The color can be described as dark saturated red. A complement of this color would be **85.8475, -43.5899, -13.2039**, and the grayscale version is **28.7800, -1.5356, 1.5637**.

A 20% lighter version of the original color is **55.0555, 54.0805, 30.4158**, and **32.5035, 55.6633, 21.0030** is the 20% darker color. If you saturate the color by 10%, you get **46.2980, 78.3142, 29.8996**, and if you desaturate by 10%, it is **47.3359, 75.3822, 29.3000**.

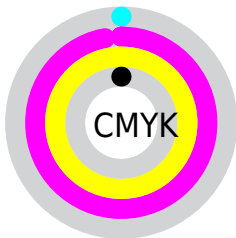
Distribution



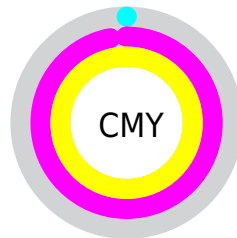
- Red (100%)
- Green (3%)
- Blue (0%)



- Red (100%)
- Yellow (3%)
- Blue (0%)



- Cyan (0%)
- Magenta (97%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (97%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 46.2965, 78.3201, 29.8988 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 46.2965, 78.3201, 29.8988 by changing the saturation by 10% instead.


 46.2965, 78.3201,
29.8988


 46.2965, 78.3201,
29.8988


 161.1153, 97.7547,
67.9806


 36.6638, 75.8759,
24.8076


 67.6834, 83.1792,
39.5566


 27.8098, 73.5782,
19.4669


 79.3486, 85.5206,
44.0604


 19.8119, 71.7101,
13.8684

 91.6162, 87.7791,
48.3820

 12.7741, 71.0437,
8.9419

 104.4580, 89.9495,
52.5452

 6.1553, 85.2098,
4.3087

 117.8493, 92.0307,
56.5703


0.0000, INF, NaN

0.0000, INF, NaN


 131.7685, 94.0237,


60.4750


0.0000, NaN, NaN


 146.1963, 95.9308,
64.2742

0.0000, NaN, NaN


 46.2965, 78.3201,
29.8988


 46.2965, 78.3201,
29.8988

 46.2980, 78.3142,
29.8996

 47.3359, 75.3822,
29.3000

 49.4677, 69.7591,
27.9490

 52.7692, 61.8700,
25.8138

 57.1856, 52.4981,
23.1232

 62.5957, 42.4258,
20.1330

■ 68.8576, 32.2288,
17.0440

■ 75.8356, 22.2461,
13.9824

■ 83.4128, 12.6362,
11.0135

■ 91.4932, 3.4462,
8.1627

Harmonies

Analogous

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



46.2980, 109.1127, 14.3422



46.2965, 78.3201, 29.8988



46.2980, 28.6928, 32.4086

Triad

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



46.2980, 78.3141, 29.8996



46.2980, -57.1496, 21.9164



46.2980, 13.0068, -158.9006

Complementary

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



46.2965, 78.3201, 29.8988



85.8475, -43.5899, -13.2039

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.



46.2980, -27.0953, -147.5309



46.2965, 78.3201, 29.8988



46.2980, -58.7134, -13.5817

Square

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



46.2980, 78.3141, 29.8996



46.2980, -44.4380, 31.2851



46.2980, -49.9440, -81.5283



46.2980, 63.3211, -105.4724

Rectangle

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



46.2965, 78.3201, 29.8988



46.2980, -2.7901, 32.4086



46.2980, -49.9440, -81.5283



46.2980, -2.1547, -163.2013

Sweetspot

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



46.2980, 78.3141, 29.8996



75.8354, 22.2468, 13.9827



53.1122, 104.0397, -67.1023



33.6871, 12.2214, 7.0622

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



46.2980, 78.3141, 29.8996



46.2982, 78.3145, 29.8997



61.3960, 36.3463, 38.4682



42.5195, 1.3890, 3.7127



33.5264, 56.4078, 21.6463



10.6086, 17.1065, 6.8364

Inverse Universe

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



85.8475, -43.5899, -13.2039



85.8479, -43.5901, -13.2040



46.3121, 15.9429, -92.3020



45.1409, -5.8316, 1.1163



62.0912, -31.5522, -9.4965



19.4513, -9.9378, -2.8596

Previews

White Background



This preview shows how the HunterLab color 46.2965, 78.3201, 29.8988 looks on a white background.

Color Contrast Check

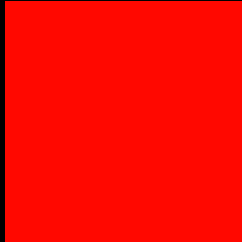
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.2965, 78.3201, 29.8988 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 46.2965, 78.3201, 29.8988 Background



This preview shows how black text looks on a background with the HunterLab color 46.2965, 78.3201, 29.8988.



This preview shows how white text looks on a background with the HunterLab color 46.2965, 78.3201,

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

46.2965, 78.3201, 29.8988

Protanopia

46.7227, -6.1134, 26.8574

Deuteranopia

46.4763, 2.6228, 28.6844



Tritanopia

46.4068, 75.8552, 29.9236

Trichromacy



Original Color

46.2965, 78.3201, 29.8988

Protanomaly

41.0675, 29.8027, 24.8031

Deuteranomaly

41.9769, 35.8568, 26.4937

Tritanomaly

46.3718, 77.0155, 29.9224

Monochromacy



Original Color

46.2965, 78.3201, 29.8988

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

29.6910, 28.8446, 12.3129

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.2965, 78.3201, 29.8988 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, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 0)  
}
```

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, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.2965, 78.3201, 29.8988 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, 8, 0) }
```


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

```
.border{ border-color:rgb(255, 8, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 8, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(255, 8, 0); box-shadow:4px  
4px 4px 4px rgb(255, 8, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.2965, 78.3201, 29.8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 0) }
```

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

```
.background{ background-color: rgb(255, 8,  
0) }
```

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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