

Converting Colors

Decimal(4916236)

Have a look what the booklet for
Decimal(4916236) contains.

Decimal(4916236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4916236)

Conversions

Conversions Part 1

Format	Color
Hex	4B040C
RGB	75, 4, 12
RGB Percent	29%, 2%, 5%
CMY	0.7059, 0.9843, 0.9529
CMYK	0.00, 0.95, 0.84, 0.71
HSL	353°, 90%, 15%
HSV	353°, 95%, 29%
XYZ	3.0114, 1.6092, 0.4997
YIQ	26.1410, 39.7480, 17.5400

Conversions

Conversions Part 2

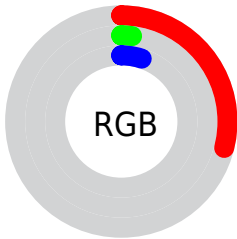
Format	Color
R _Y B	75, 4, 12
Decimal	4916236
CIE Lab	13.29, 31.98, 15.76
CIE LCh	13, 35.653, 26.233
Yxy	1.6092, 0.5881, 0.3143
Android (android.graphics.Color)	4283106316 (0xFF4B040C)
YUV	26.1410, -6.9715, 42.8493
Hunter-Lab	12.6856, 20.1744, 6.5443

Details

The Decimal color **4916236** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **281411**, and the grayscale version is **1710618**.

A 20% lighter version of the original color is **8468279**, and **524288** is the 20% darker color. If you saturate the color by 10%, you get **4915208**, and if you desaturate by 10%, it is **4918291**.

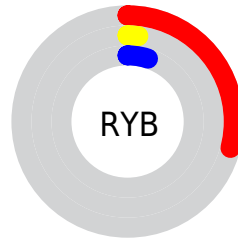
Distribution



Red (29%)

Green (2%)

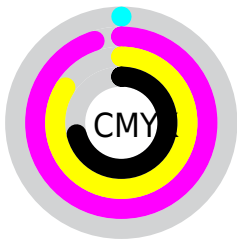
Blue (5%)



Red (29%)

Yellow (2%)

Blue (5%)

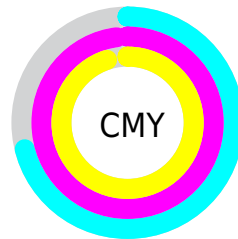


Cyan (0%)

Magenta (95%)

Yellow (84%)

Black (71%)



Cyan (71%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4916236 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 Decimal color 4916236 by changing the saturation by 10% instead.

 4916236

 4916236

 16773611


 3276800

 8468279

 524288

 10309454

 0

 12150886


 14058111

 16031129

 16758963

 16766159

 4916236

 4916236

■ 4915208

■ 4918291

■ 4920089

■ 4921888

■ 4923943

■ 4925741

■ 4927796

■ 4929851

■ 4931649

■ 4933704

Harmonies

Analogous

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



4915238



4916236



4199424

Triad

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



4916236



11008



9812

Complementary

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



4916236



281411

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.



11083



4916236



11294

Square

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



4916236



1517312



11576



1383759

Rectangle

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



4916236



3480832



11576



10323

Sweetspot

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



4916236



6374985



4392011



3153954



11579568



3158064

Same Dimension

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



4916236



6357003



4923140



2499107



6684683



15073306

Inverse Universe

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



4916236



6357003



274507



2499107



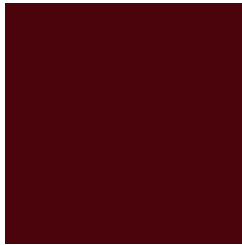
6684683



15073306

Previews

White Background



This preview shows how the Decimal color 4916236 looks on a white background.

Color Contrast Check

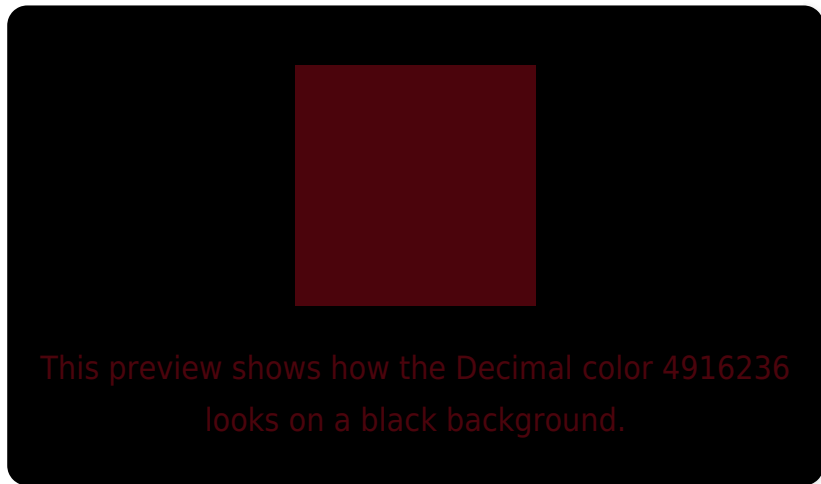
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

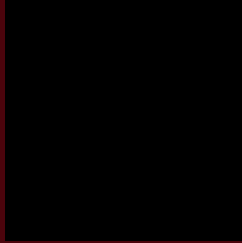
Any Text WCAG AA × Fail

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](#).

Decimal 4916236 Background



This preview shows how black text looks on a background with the Decimal color 4916236.

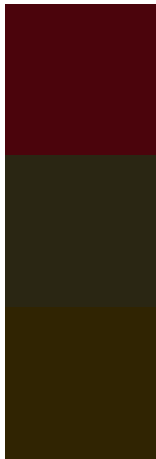


This preview shows how white text looks on a background with the Decimal color 4916236.

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
4916236

Protanopia
2762259

Deuteranopia
3154946



Tritanopia
4916992

Trichromacy



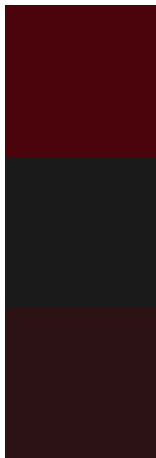
Original Color
4916236

Protanomaly
3545616

Deuteranomaly
3807238

Tritanomaly
4916740

Monochromacy



Original Color
4916236

Achromatopsia
1710618

Achromatomaly
2888213

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4916236 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 #4B040C looks like.

```
.text, #text, p{  
    color:#4B040C  
}
```

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 #4B040C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B040C
}
```

Border

The CSS property to change the border of an element to Decimal 4916236 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
#4B040C }
```

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

```
.border{ border-color:#4B040C }
```

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

Here you see how a box with a 4 pixel #4B040C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B040C; -webkit-box-shadow:4px 4px  
4px 4px #4B040C; box-shadow:4px 4px 4px  
4px #4B040C }
```

Background

The CSS property to change the background color of an element to Decimal 4916236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B040C }
```

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

```
.background{ background-color:#4B040C }
```

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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