

Converting Colors

Decimal(4784176)

Have a look what the booklet for
Decimal(4784176) contains.

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Color

Decimal(4784176)

Conversions

Conversions Part 1

Format	Color
Hex	490030
RGB	73, 0, 48
RGB Percent	29%, 0%, 19%
CMY	0.7137, 1.0000, 0.8118
CMYK	0.00, 1.00, 0.34, 0.71
HSL	321°, 100%, 14%
HSV	321°, 100%, 29%
XYZ	3.2812, 1.6299, 2.9380
YIQ	27.2990, 28.1000, 30.4040

Conversions

Conversions Part 2

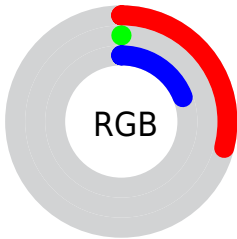
Format	Color
R_{YB}	73, 0, 48
Decimal	4784176
CIE Lab	13.41, 36.03, -9.28
CIE LCh	13, 37.209, 345.560
Yxy	1.6299, 0.4180, 0.2077
Android (android.graphics.Color)	4282974256 (0xFF490030)
YUV	27.2990, 10.2056, 40.0798
Hunter-Lab	12.7666, 23.5347, -4.7077

Details

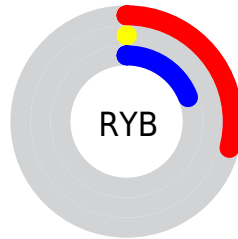
The Decimal color **4784176** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **18713**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **8205662**, and **1179648** is the 20% darker color. If you saturate the color by 10%, you get **4784176**, and if you desaturate by 10%, it is **4785970**.

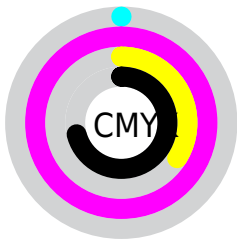
Distribution



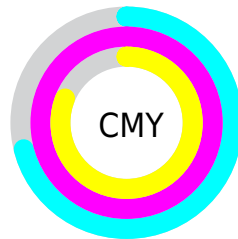
- Red (29%)
- Green (0%)
- Blue (19%)



- Red (29%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4784176 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 4784176 by changing the saturation by 10% instead.

 4784176

 4784176

 16773375

 3211291

 8205662

 1179648

 9981559

 0

 11757456

 13664683

 15572166

 16758754

 16765951

 4784176

■ 4785970

■ 4788021

■ 4789815

■ 4791610

■ 4793661

■ 4795455

■ 4797250

■ 4799044

■ 4801094

Harmonies

Analogous

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



3347271



4784176



5111830

Triad

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



4784176



2106624



11335

Complementary

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



4784176



18713

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.



11568



4784176



10752

Square

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



4784176



3546368



11540



10581

Rectangle

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



4784176



4916992



11540



11584

Sweetspot

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



4784176



6177365



1572937



3153706



11579568



3158064

Same Dimension

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



4784176



6160446



4784140



2367522



6488129



14876821

Inverse Universe

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



4784176



6160446



18749



2367522



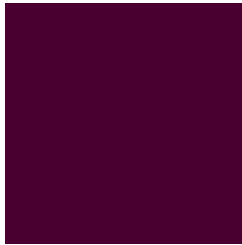
6488129



14876821

Previews

White Background



This preview shows how the Decimal color 4784176 looks on a white background.

Color Contrast Check

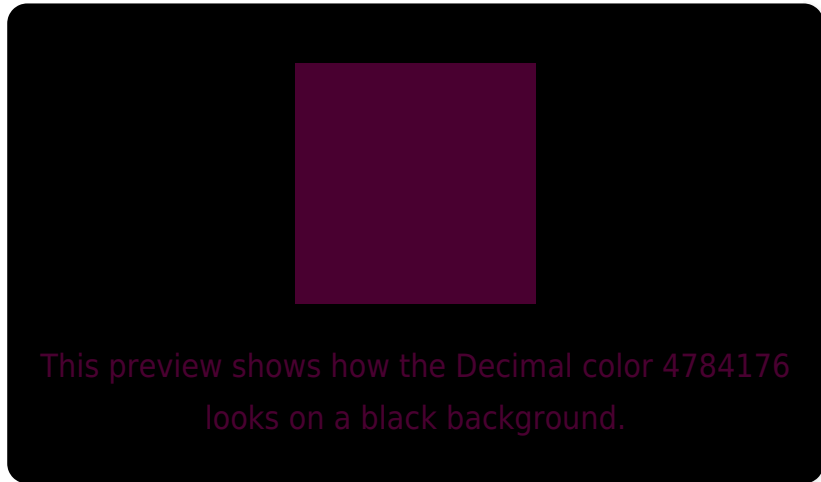
Large Text (above 18pt) WCAG AA ✓ Pass

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

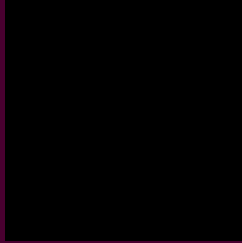
Any Text WCAG AA × Fail

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 4784176 Background



This preview shows how black text looks on a background with the Decimal color 4784176.



This preview shows how white text looks on a background with the Decimal color 4784176.

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
4784176

Protanopia
1648197

Deuteranopia
2631213



Tritanopia
4657940

Trichromacy



Original Color
4784176

Protanomaly
2758717

Deuteranomaly
3414062

Tritanomaly
4721694

Monochromacy



Original Color
4784176

Achromatopsia
1776411

Achromatomaly
2887971

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4784176 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 #490030 looks like.

```
.text, #text, p{  
    color:#490030  
}
```

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 #490030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #490030
}
```

Border

The CSS property to change the border of an element to Decimal 4784176 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
#490030 }
```

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

```
.border{ border-color:#490030 }
```

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

Here you see how a box with a 4 pixel #490030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #490030; -webkit-box-shadow:4px 4px  
4px 4px #490030; box-shadow:4px 4px 4px  
4px #490030 }
```

Background

The CSS property to change the background color of an element to Decimal 4784176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#490030 }
```

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

```
.background{ background-color:#490030 }
```

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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