

Converting Colors

Decimal(4776457)

Have a look what the booklet for
Decimal(4776457) contains.

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Color

Decimal(4776457)

Conversions

Conversions Part 1

Format	Color
Hex	48E209
RGB	72, 226, 9
RGB Percent	28%, 89%, 4%
CMY	0.7176, 0.1137, 0.9647
CMYK	0.68, 0.00, 0.96, 0.11
HSL	103°, 92%, 46%
HSV	103°, 96%, 89%
XYZ	29.9182, 55.7902, 9.4502
YIQ	155.2160, -22.1270, -100.1350

Conversions

Conversions Part 2

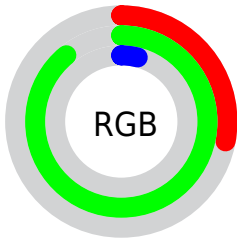
Format	Color
RYB	9, 226, 163
Decimal	4776457
CIELab	79.49, -71.49, 76.09
CIELCh	79, 104.409, 133.213
Yxy	55.7902, 0.3144, 0.5863
Android (android.graphics.Color)	4282966537 (0xFF48E209)
YUV	155.2160, -72.0845, -72.9804
Hunter-Lab	74.6928, -59.2144, 44.7836

Details

The Decimal color **4776457** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **10684898**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **9305945**, and **43264** is the 20% darker color. If you saturate the color by 10%, you get **4383232**, and if you desaturate by 10%, it is **5825056**.

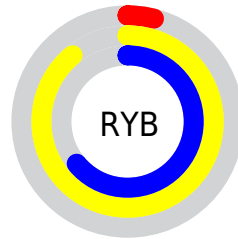
Distribution



Red (28%)

Green (89%)

Blue (4%)



Red (4%)

Yellow (89%)

Blue (64%)

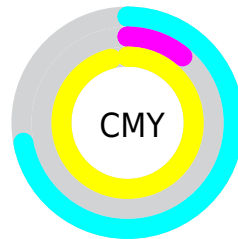


Cyan (68%)

Magenta (0%)

Yellow (96%)

Black (11%)



Cyan (72%)

Magenta (11%)

Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 4776457 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 4776457 by changing the saturation by 10% instead.

 4776457

 4776457

16777215

 1164544

 9305945

 43264

 11403126

 36352

 13434772

 29440

 15466417

 22784

 16777166

 16384

 16777196

 9984

 0

 4776457

 4776457

■ 4383232

■ 5825056

■ 6873654

■ 7922253

■ 8970851

■ 10019450

■ 11068049

■ 12116647

■ 13165246

■ 14213844

Harmonies

Analogous

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



13028864



4776457



60553

Triad

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



4776457



57599



16730527

Complementary

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



4776457



10684898

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.



16734975



4776457



50175

Square

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



4776457



60671



16553215



16743232

Rectangle

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



4776457



61389



16553215



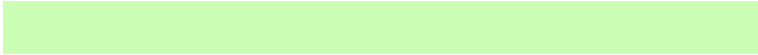
16729279

Sweetspot

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



4776457



13369269



14852361



6324307



0



8421504

Same Dimension

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



4776457



4914944



647732



6844517



3387392



929792

Inverse Universe

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



10684898



11862271



14813623



7169392



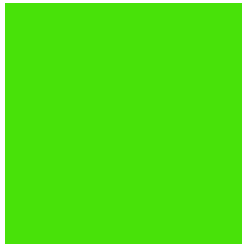
8192176



2228272

Previews

White Background



This preview shows how the Decimal color 4776457 looks on a white 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

Black Background



This preview shows how the Decimal color 4776457 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4776457 Background



This preview shows how black text looks on a background with the Decimal color 4776457.

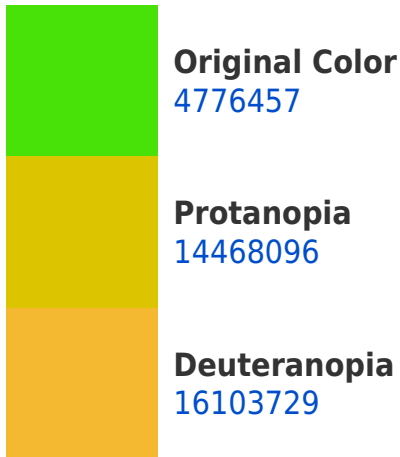


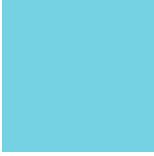
This preview shows how white text looks on a background with the Decimal color 4776457.

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](#).

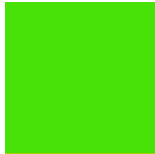
Dichromacy





Tritanopia
7656163

Trichromacy



Original Color

4776457



Protanomaly

10931971



Deuteranomaly

11978786



Tritanomaly

6609044

Monochromacy



Original Color

4776457



Achromatopsia

10197915



Achromatomaly

8238438

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4776457 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 #48E209 looks like.

```
.text, #text, p{  
    color:#48E209  
}
```

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 #48E209 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48E209
}
```

Border

The CSS property to change the border of an element to Decimal 4776457 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
#48E209 }
```

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

```
.border{ border-color:#48E209 }
```

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

Here you see how a box with a 4 pixel #48E209 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48E209; -webkit-box-shadow:4px 4px  
4px 4px #48E209; box-shadow:4px 4px 4px  
4px #48E209 }
```

Background

The CSS property to change the background color of an element to Decimal 4776457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48E209 }
```

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

```
.background{ background-color:#48E209 }
```

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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