

# Converting Colors

Decimal(4752216)

Have a look what the booklet for  
Decimal(4752216) contains.

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# Color

**Decimal(4752216)**

# Conversions

## Conversions Part 1

Format	Color
Hex	488358
RGB	72, 131, 88
RGB Percent	28%, 51%, 35%
CMY	0.7176, 0.4863, 0.6549
CMYK	0.45, 0.00, 0.33, 0.49
HSL	136°, 29%, 40%
HSV	136°, 45%, 51%
XYZ	12.5502, 18.3149, 12.1062
YIQ	108.4570, -21.3610, -25.8810

# Conversions

## Conversions Part 2

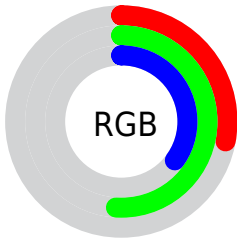
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 118, 131
Decimal	4752216
CIELab	49.88, -29.34, 17.41
CIELCh	50, 34.114, 149.317
Yxy	18.3149, 0.2921, 0.4262
Android (android.graphics.Color)	4282942296 (0xFF488358)
YUV	108.4570, -10.0853, -31.9728
Hunter-Lab	42.7959, -22.5463, 13.1851

# Details

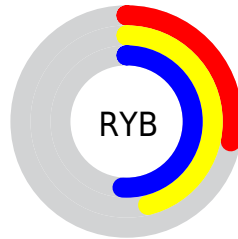
The Decimal color **4752216** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8603763**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **8173706**, and **1265962** is the 20% darker color. If you saturate the color by 10%, you get **3900238**, and if you desaturate by 10%, it is **5604194**.

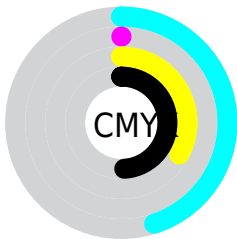
# Distribution



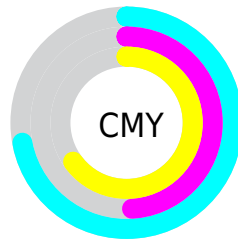
- Red (28%)
- Green (51%)
- Blue (35%)



- Red (28%)
- Yellow (46%)
- Blue (51%)



- Cyan (45%)
- Magenta (0%)
- Yellow (33%)
- Black (49%)



- Cyan (72%)
- Magenta (49%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4752216 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 4752216 by changing the saturation by 10% instead.



 4752216

 4752216

16777215

 3107392

 8173706

 1265962

 9884837

 14613

 11727296

 9216

 13565916

 0


 15466488

 4752216

 4752216

 3900238

 5604194

 3048261

 6456171

■ 2196283

■ 7308149

■ 1344306

■ 8160126

■ 492328

■ 9077640

■ 33572

■ 9929617

■ 10781595

■ 11633572

■ 12485550

# Harmonies

## Analogous

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



7109955



4752216



951925

# Triad

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



4752216



4618928



11362908

# Complementary

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



4752216



8603763

# 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.



11296632



4752216



7892905

# Square

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



4752216



33192



10118549



10512965

# Rectangle

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



4752216



34441



10118549



11427941



# Sweetspot

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



4752216



9677721



7570248



4740940



14079702



5723991



# Same Dimension

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



4752216



5221224



4752245



3949117



33315



769



# Inverse Universe

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



8603763



11227026



8603734



4340801



8519775



196610



# Previews

## White Background



This preview shows how the Decimal color 4752216 looks on a white background.

## Color Contrast Check

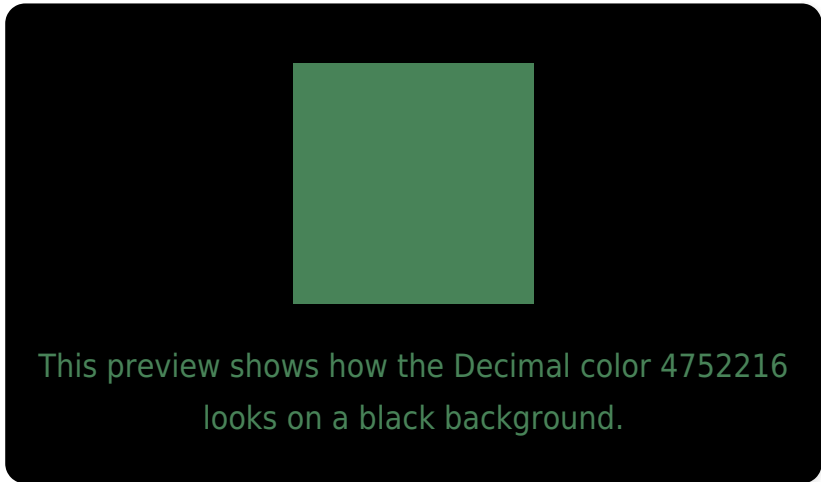
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

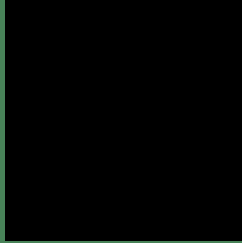
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4752216 Background



This preview shows how black text looks on a background with the Decimal color 4752216.



This preview shows how white text looks on a background with the Decimal color 4752216.

# 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**  
5471623

# Trichromacy



**Original Color**  
4752216

**Protanomaly**  
7043924

**Deuteranomaly**  
7501915

**Tritanomaly**  
5209974

# Monochromacy



**Original Color**  
4752216

**Achromatopsia**  
7105644

**Achromatomaly**  
6255717

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4752216 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 #488358 looks like.

```
.text, #text, p{  
    color:#488358  
}
```

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 #488358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #488358
}
```

## Border

The CSS property to change the border of an element to Decimal 4752216 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
#488358 }
```

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

```
.border{ border-color:#488358 }
```

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

Here you see how a box with a 4 pixel #488358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #488358; -webkit-box-shadow:4px 4px  
4px 4px #488358; box-shadow:4px 4px 4px  
4px #488358 }
```

# Background

The CSS property to change the background color of an element to Decimal 4752216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#488358 }
```

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

```
.background{ background-color:#488358 }
```

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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