

# Converting Colors

Decimal(4677756)

Have a look what the booklet for  
Decimal(4677756) contains.

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# Color

**Decimal(4677756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47607C
RGB	71, 96, 124
RGB Percent	28%, 38%, 49%
CMY	0.7216, 0.6235, 0.5137
CMYK	0.43, 0.23, 0.00, 0.51
HSL	212°, 27%, 38%
HSV	212°, 43%, 49%
XYZ	10.4195, 11.1606, 20.6738
YIQ	91.7170, -23.8880, 3.4080

# Conversions

## Conversions Part 2

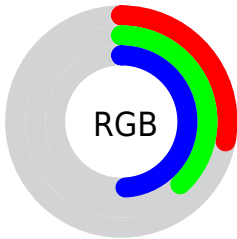
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 88, 124
Decimal	4677756
CIELab	39.85, -1.43, -18.66
CIELCh	40, 18.715, 265.609
Yxy	11.1606, 0.2466, 0.2641
Android (android.graphics.Color)	4282867836 (0xFF47607C)
YUV	91.7170, 15.9155, -18.1688
Hunter-Lab	33.4074, -2.7904, -13.3057

# Details

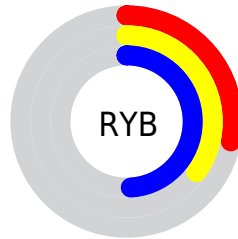
The Decimal color **4677756** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8151879**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **8032945**, and **1389131** is the 20% darker color. If you saturate the color by 10%, you get **3889532**, and if you desaturate by 10%, it is **5465980**.

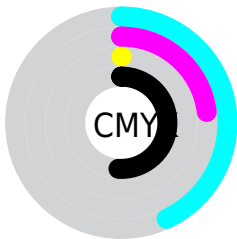
# Distribution



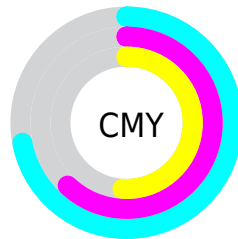
- Red (28%)
- Green (38%)
- Blue (49%)



- Red (28%)
- Yellow (35%)
- Blue (49%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (51%)



- Cyan (72%)
- Magenta (62%)
- Yellow (51%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4677756 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 4677756 by changing the saturation by 10% instead.



■ 4677756

■ 4677756

16777215

■ 3033187

■ 8032945

■ 1389131

■ 9743820

■ 7476

■ 11520232

■ 543

■ 13362431

■ 3

■ 15269887

■ 0

■ 4677756

■ 4677756

■ 3889532

■ 5465980

■ 3036028

■ 6319484

■ 2247804

■ 7107708

■ 1394300

■ 7961212

■ 606076

■ 8749436

■ 14972

■ 9537404

■ 10391164

■ 11179132

■ 12032892

# Harmonies

## Analogous

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



3433591



4677756



6118265

# Triad

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



4677756



8147793



4809804

# Complementary

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



4677756



8151879

# 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.



5988674



4677756



7821125

# Square

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



4677756



8016737



7035968



3761755

# Rectangle

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



4677756



6969203



7035968



5202760



# Sweetspot

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



4677756



9213601



4684898



4541266



13750737



5395026



# Same Dimension

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



4677756



5207457



4736892



3619389



15229



30716



# Inverse Universe

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



8144736



10571637



8092743



4011834



8192059

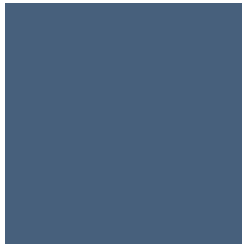


16515191



# Previews

## White Background



This preview shows how the Decimal color 4677756 looks on a white background.

## Color Contrast Check

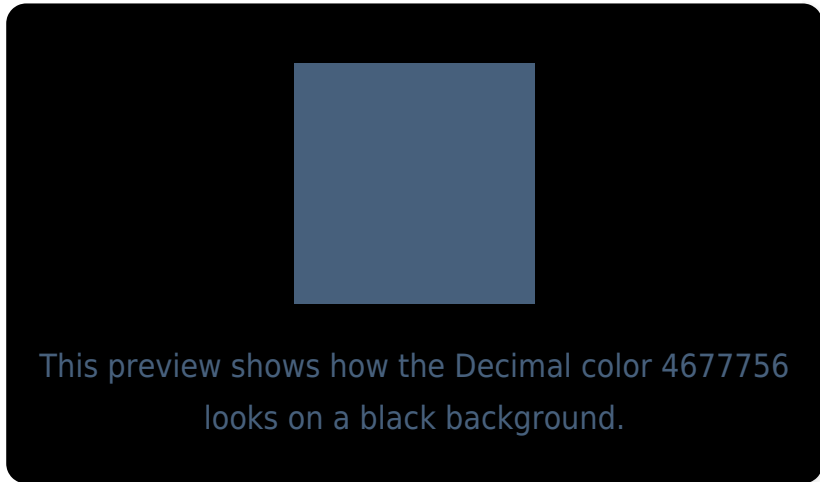
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

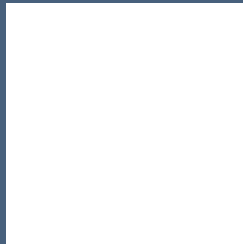
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4677756 Background



This preview shows how black text looks on a background with the Decimal color 4677756.

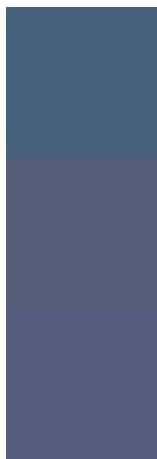


This preview shows how white text looks on a background with the Decimal color 4677756.

# 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**

4677756

**Protanopia**

5660025

**Deuteranopia**

5659773



**Tritanopia**  
4350827

# Trichromacy



**Original Color**

4677756

**Protanomaly**

5332602

**Deuteranomaly**

5332349

**Tritanomaly**

4481649

# Monochromacy



**Original Color**

4677756

**Achromatopsia**

6052956

**Achromatomaly**

5528936

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4677756 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 #47607C looks like.

```
.text, #text, p{  
  color:#47607C  
}
```

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 #47607C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47607C
}
```

## Border

The CSS property to change the border of an element to Decimal 4677756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

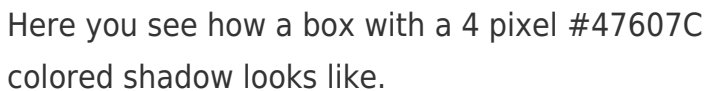
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47607C }
```

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

```
.border{ border-color:#47607C }
```

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



Here you see how a box with a 4 pixel #47607C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47607C; -webkit-box-shadow:4px 4px  
4px 4px #47607C; box-shadow:4px 4px 4px  
4px #47607C }
```

# Background

The CSS property to change the background color of an element to Decimal 4677756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47607C }
```

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

```
.background{ background-color:#47607C }
```

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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