

# Converting Colors

Decimal(4676980)

Have a look what the booklet for  
Decimal(4676980) contains.

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# Color

**Decimal(4676980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	475D74
RGB	71, 93, 116
RGB Percent	28%, 36%, 45%
CMY	0.7216, 0.6353, 0.5451
CMYK	0.39, 0.20, 0.00, 0.55
HSL	211°, 24%, 37%
HSV	211°, 39%, 45%
XYZ	9.6653, 10.4292, 18.0266
YIQ	89.0440, -20.4950, 2.4890

# Conversions

## Conversions Part 2

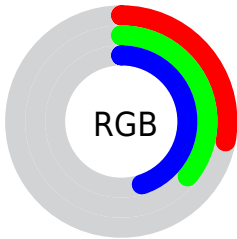
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 86, 116
Decimal	4676980
CIE <sub>Lab</sub>	38.60, -1.97, -15.68
CIE <sub>LCh</sub>	39, 15.802, 262.822
Yxy	10.4292, 0.2535, 0.2736
Android (android.graphics.Color)	4282867060 (0xFF475D74)
YUV	89.0440, 13.2893, -15.8246
Hunter-Lab	32.2943, -3.0924, -10.4895

# Details

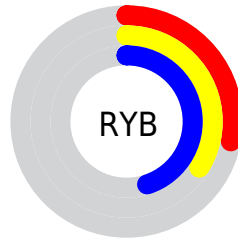
The Decimal color **4676980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7626311**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7966632**, and **1519428** is the 20% darker color. If you saturate the color by 10%, you get **3889012**, and if you desaturate by 10%, it is **5464948**.

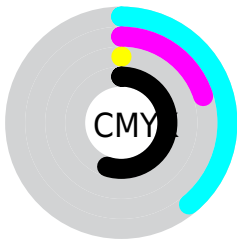
# Distribution



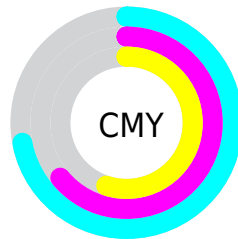
- Red (28%)
- Green (36%)
- Blue (45%)



- Red (28%)
- Yellow (34%)
- Blue (45%)



- Cyan (39%)
- Magenta (20%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (64%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4676980 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 4676980 by changing the saturation by 10% instead.



■ 4676980

■ 4676980

16777215

■ 3097947

■ 7966632

■ 1519428

■ 9677507

■ 6957

■ 11453919

■ 281

■ 13296124

■ 0

■ 15138303

■ 4676980

■ 4676980

■ 3889012

■ 5464948

■ 3166580

■ 6187380

■ 2378612

■ 6975348

■ 1656180

■ 7697780

■ 868212

■ 8485748

■ 80244

■ 9273716

■ 14708

■ 9996148

■ 10783860

■ 11506292

# Harmonies

## Analogous

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



3760239



4676980



5855602

# Triad

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



4676980



7688786



4939851

# Complementary

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



4676980



7626311

# 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.



5922115



4676980



7427399

# Square

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



4676980



7492190



6773058



4088407

# Rectangle

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



4676980



6575726



6773058



5267272



# Sweetspot

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



4676980



8686998



4682846



4343629



13421772



5066061



# Same Dimension

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



4676980



5272214



4671348



3487803



15482



31482



# Inverse Universe

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



7620445



9850994



7631943



3880248



7995452

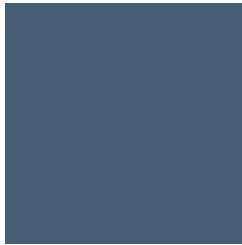


16384122



# Previews

## White Background



This preview shows how the Decimal color 4676980 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



This preview shows how the Decimal color 4676980 looks on a 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

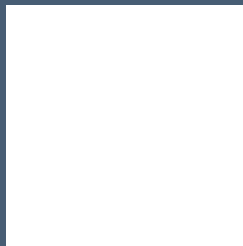
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 4676980 Background



This preview shows how black text looks on a background with the Decimal color 4676980.

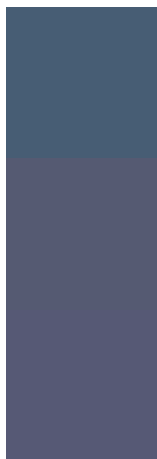


This preview shows how white text looks on a background with the Decimal color 4676980.

# 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**

4676980

**Protanopia**

5593714

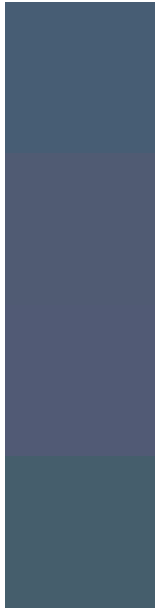
**Deuteranopia**

5658997



**Tritanopia**  
4480871

# Trichromacy



**Original Color**  
4676980

**Protanomaly**  
5266291

**Deuteranomaly**  
5331573

**Tritanomaly**  
4546156

# Monochromacy



**Original Color**  
4676980

**Achromatopsia**  
5855577

**Achromatomaly**  
5397091

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4676980 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 #475D74 looks like.

```
.text, #text, p{  
  color:#475D74  
}
```

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 #475D74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #475D74
}
```

## Border

The CSS property to change the border of an element to Decimal 4676980 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
#475D74 }
```

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

```
.border{ border-color:#475D74 }
```

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

Here you see how a box with a 4 pixel #475D74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #475D74; -webkit-box-shadow:4px 4px  
4px 4px #475D74; box-shadow:4px 4px 4px  
4px #475D74 }
```

# Background

The CSS property to change the background color of an element to Decimal 4676980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#475D74 }
```

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

```
.background{ background-color:#475D74 }
```

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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