

# Converting Colors

Decimal(5008765)

Have a look what the booklet for  
Decimal(5008765) contains.

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# Color

**Decimal(5008765)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6D7D
RGB	76, 109, 125
RGB Percent	30%, 43%, 49%
CMY	0.7020, 0.5725, 0.5098
CMYK	0.39, 0.13, 0.00, 0.51
HSL	200°, 24%, 39%
HSV	200°, 39%, 49%
XYZ	12.1508, 13.9544, 21.4551
YIQ	100.9570, -24.8040, -2.0200

# Conversions

## Conversions Part 2

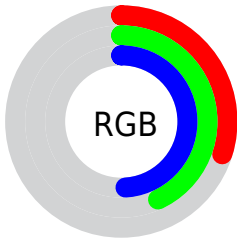
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 96, 125
Decimal	5008765
CIELab	44.17, -7.46, -12.65
CIElCh	44, 14.684, 239.449
Yxy	13.9544, 0.2555, 0.2934
Android (android.graphics.Color)	4283198845 (0xFF4C6D7D)
YUV	100.9570, 11.8532, -21.8873
Hunter-Lab	37.3557, -7.3111, -7.9041

# Details

The Decimal color **5008765** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8215628**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **8364210**, and **1785420** is the 20% darker color. If you saturate the color by 10%, you get **4221309**, and if you desaturate by 10%, it is **5861757**.

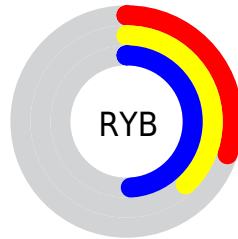
# Distribution



Red (30%)

Green (43%)

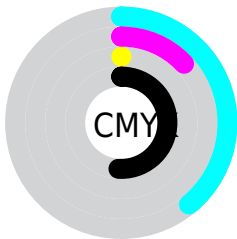
Blue (49%)



Red (30%)

Yellow (38%)

Blue (49%)

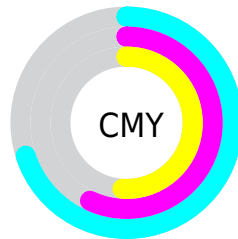


Cyan (39%)

Magenta (13%)

Yellow (0%)

Black (51%)



Cyan (70%)

Magenta (57%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5008765 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 5008765 by changing the saturation by 10% instead.



■ 5008765

■ 5008765

16777215

■ 3429732

■ 8364210

■ 1785420

■ 10075085

■ 10293

■ 11917289

■ 5152

■ 13759743

■ 6

■ 15597567

■ 0

■ 5008765

■ 5008765

■ 4221309

■ 5861757

■ 3368317

■ 6649213

■ 2580861

■ 7502205

■ 1727869

■ 8289661

■ 940413

■ 9142653

■ 87421

■ 9930109

■ 21629

■ 10783357

■ 11570813

■ 12358269

# Harmonies

## Analogous

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



4616052



5008765



5925505

# Triad

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



5008765



8413289



6646611

# Complementary

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



5008765



8215628

# 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.



7497808



5008765



8479069

# Square

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



5008765



7889525



8152148



5729884

# Rectangle

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



5008765



6645631



8152148



6908497



# Sweetspot

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



5008765



9477539



5012828



4607570



13750737



5395026



# Same Dimension

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



5008765



5671587



5002621



3751488



22144



0



# Inverse Universe

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



8211565



10704522



8221772



4208958



8388694



0



# Previews

## White Background



This preview shows how the Decimal color 5008765 looks on a white background.

## Color Contrast Check

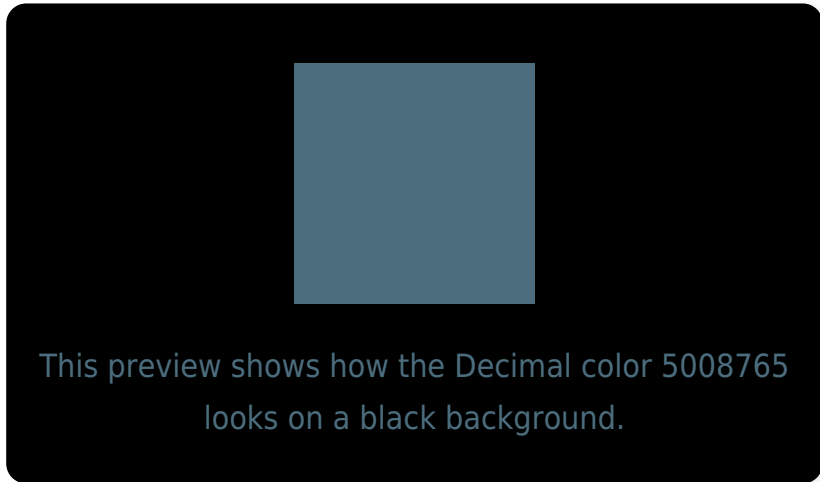
Large Text (above 18pt) WCAG AA ✓ Pass

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

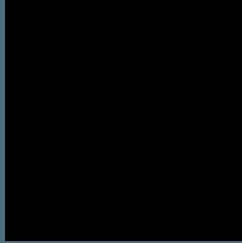
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5008765 Background



This preview shows how black text looks on a background with the Decimal color 5008765.



This preview shows how white text looks on a background with the Decimal color 5008765.

# 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**  
5008765

**Protanopia**  
6645625

**Deuteranopia**  
6776447



**Tritanopia**  
4877943

# Trichromacy



**Original Color**  
5008765

**Protanomaly**  
6056314

**Deuteranomaly**  
6121854

**Tritanomaly**  
4943481

# Monochromacy



**Original Color**  
5008765

**Achromatopsia**  
6645093

**Achromatomaly**  
6056046

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5008765 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 #4C6D7D looks like.

```
.text, #text, p{  
    color:#4C6D7D  
}
```

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 #4C6D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6D7D
}
```

## Border

The CSS property to change the border of an element to Decimal 5008765 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
#4C6D7D }
```

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

```
.border{ border-color:#4C6D7D }
```

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

Here you see how a box with a 4 pixel #4C6D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6D7D; -webkit-box-shadow:4px 4px  
4px 4px #4C6D7D; box-shadow:4px 4px 4px  
4px #4C6D7D }
```

# Background

The CSS property to change the background color of an element to Decimal 5008765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6D7D }
```

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

```
.background{ background-color:#4C6D7D }
```

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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