

# Converting Colors

Decimal(5076103)

Have a look what the booklet for  
Decimal(5076103) contains.

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# Color

**Decimal(5076103)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D7487
RGB	77, 116, 135
RGB Percent	30%, 45%, 53%
CMY	0.6980, 0.5451, 0.4706
CMYK	0.43, 0.14, 0.00, 0.47
HSL	200°, 27%, 42%
HSV	200°, 43%, 53%
XYZ	13.6791, 15.8178, 25.2538
YIQ	106.5050, -29.3430, -2.3590

# Conversions

## Conversions Part 2

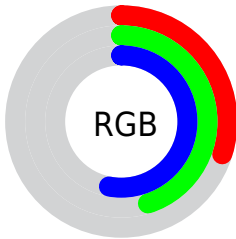
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 100, 135
Decimal	5076103
CIELab	46.73, -8.38, -14.72
CIELCh	47, 16.938, 240.338
Yxy	15.8178, 0.2498, 0.2889
Android (android.graphics.Color)	4283266183 (0xFF4D7487)
YUV	106.5050, 14.0480, -25.8759
Hunter-Lab	39.7716, -8.2067, -9.8073

# Details

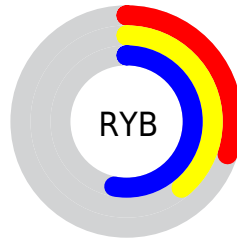
The Decimal color **5076103** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8872013**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8497340**, and **1721429** is the 20% darker color. If you saturate the color by 10%, you get **4157575**, and if you desaturate by 10%, it is **5929095**.

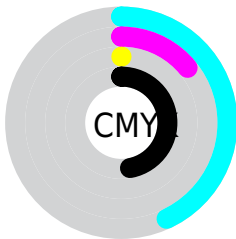
# Distribution



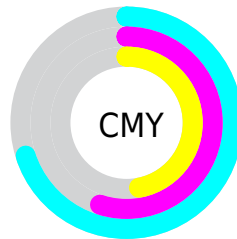
- Red (30%)
- Green (45%)
- Blue (53%)



- Red (30%)
- Yellow (39%)
- Blue (53%)



- Cyan (43%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (55%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5076103 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 5076103 by changing the saturation by 10% instead.



■ 5076103

■ 5076103

16777215

■ 3431278

■ 8497340

■ 1721429

■ 10273752

■ 11838

■ 12050420

■ 6440

■ 13892863

■ 275

■ 15794175

■ 0

■ 5076103

■ 5076103

■ 4157575

■ 5929095

■ 3304327

■ 6847879

■ 2451335

■ 7766407

■ 1532551

■ 8619655

■ 679559

■ 9538183

■ 23431

■ 10391431

■ 11309959

■ 12162951

■ 13081735

# Harmonies

## Analogous

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



4617853



5076103



6189195

# Triad

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



5076103



9069935



6976086

# Complementary

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



5076103



8872013

# 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.



7958098



5076103



9201249

# Square

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



5076103



8480637



8743255



5928288

# Rectangle

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



5076103



7040393



8743255



7303508



# Sweetspot

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



5076103



10070192



5080927



4937049



14277081



5855577



# Same Dimension

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



5076103



5542576



5068935



3948610



22402



515



# Inverse Universe

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



8867188



11555986



8879181



4340800



8519767



196610



# Previews

## White Background



This preview shows how the Decimal color 5076103 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 5076103 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

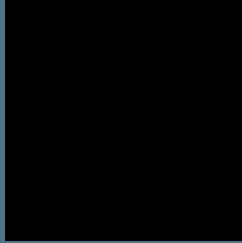
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5076103 Background



This preview shows how black text looks on a background with the Decimal color 5076103.

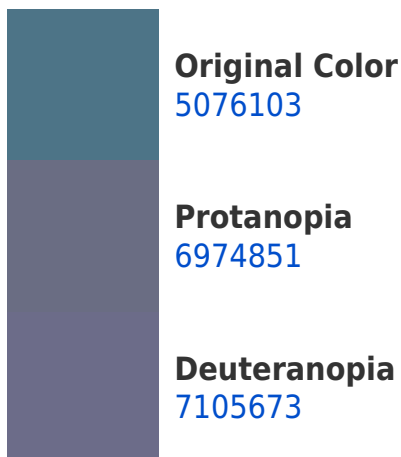


This preview shows how white text looks on a background with the Decimal color 5076103.

# Color Blindness Simulation

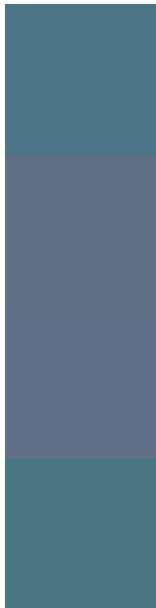
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
5076103

**Protanomaly**  
6254724

**Deuteranomaly**  
6385544

**Tritanomaly**  
5010818

# Monochromacy



**Original Color**  
5076103

**Achromatopsia**  
7039851

**Achromatomaly**  
6319733

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5076103 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 #4D7487 looks like.

```
.text, #text, p{  
  color:#4D7487  
}
```

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 #4D7487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7487
}
```

## Border

The CSS property to change the border of an element to Decimal 5076103 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
#4D7487 }
```

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

```
.border{ border-color:#4D7487 }
```

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

Here you see how a box with a 4 pixel #4D7487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7487; -webkit-box-shadow:4px 4px  
4px 4px #4D7487; box-shadow:4px 4px 4px  
4px #4D7487 }
```

# Background

The CSS property to change the background color of an element to Decimal 5076103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7487 }
```

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

```
.background{ background-color:#4D7487 }
```

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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