

# Converting Colors

Decimal(5207417)

Have a look what the booklet for  
Decimal(5207417) contains.

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# Color

**Decimal(5207417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7579
RGB	79, 117, 121
RGB Percent	31%, 46%, 47%
CMY	0.6902, 0.5412, 0.5255
CMYK	0.35, 0.03, 0.00, 0.53
HSL	186°, 21%, 39%
HSV	186°, 35%, 47%
XYZ	13.0369, 15.7653, 20.4451
YIQ	106.0940, -23.9320, -6.8120

# Conversions

## Conversions Part 2

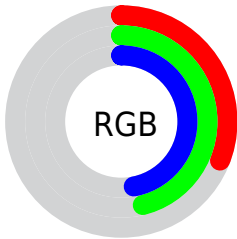
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 99, 121
Decimal	5207417
CIELab	46.67, -12.25, -6.48
CIElCh	47, 13.859, 207.892
Yxy	15.7653, 0.2647, 0.3201
Android (android.graphics.Color)	4283397497 (0xFF4F7579)
YUV	106.0940, 7.3487, -23.7614
Hunter-Lab	39.7056, -10.8760, -2.7355

# Details

The Decimal color **5207417** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7951183**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **8563117**, and **1983817** is the 20% darker color. If you saturate the color by 10%, you get **4420729**, and if you desaturate by 10%, it is **5994105**.

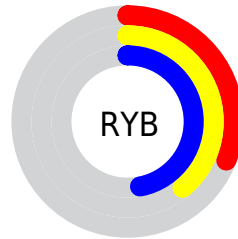
# Distribution



Red (31%)

Green (46%)

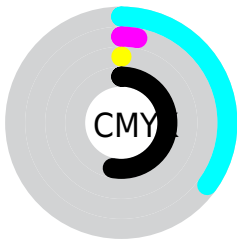
Blue (47%)



Red (31%)

Yellow (39%)

Blue (47%)

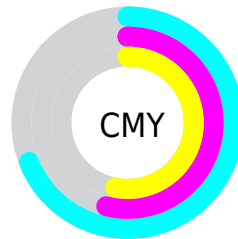


Cyan (35%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (69%)

Magenta (54%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5207417 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 5207417 by changing the saturation by 10% instead.



■ 5207417

■ 5207417

16777215

■ 3628128

■ 8563117

■ 1983817

■ 10273993

■ 273970

■ 12116197

■ 6685

■ 13958655

■ 2

■ 15794175

■ 0

■ 5207417

■ 5207417

■ 4420729

■ 5994105

■ 3634041

■ 6780793

■ 2847353

■ 7567481

■ 2060409

■ 8354425

■ 1273721

■ 9141113

■ 421497

■ 9993337

■ 28025

■ 10780025

■ 11566713

■ 12353401

# Harmonies

## Analogous

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



5535085



5207417



5534594

# Triad

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



5207417



8218747



7892568

# Complementary

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



5207417



7951183

# 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.



8546907



5207417



8742768

# Square

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



5207417



7367811



8873828



7106906

# Rectangle

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



5207417



5992837



8873828



8154200



# Sweetspot

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



5207417



9346462



5208402



4607567



13619151



5197647



# Same Dimension

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



5207417



6068382



5202297



3620157



29053



58620



# Inverse Universe

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



7950197



10378392



7956303



4011837



8192113



16515300



# Previews

## White Background



This preview shows how the Decimal color 5207417 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 5207417 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

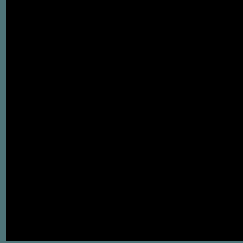
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

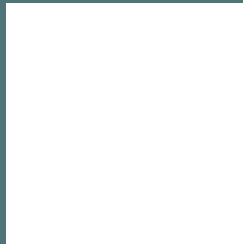
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5207417 Background



This preview shows how black text looks on a background with the Decimal color 5207417.

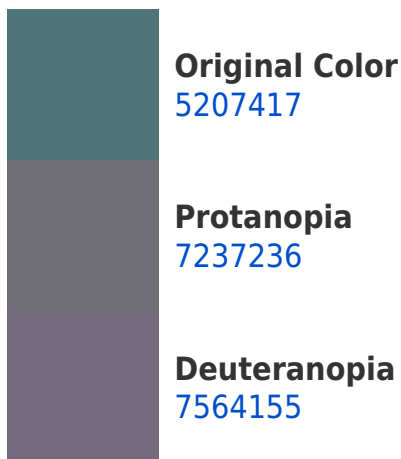


This preview shows how white text looks on a background with the Decimal color 5207417.

# 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**  
5272702

# Trichromacy



**Original Color**  
5207417

**Protanomaly**  
6517110

**Deuteranomaly**  
6713210

**Tritanomaly**  
5272700

# Monochromacy



**Original Color**  
5207417

**Achromatopsia**  
6974058

**Achromatomaly**  
6319727

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5207417 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 #4F7579 looks like.

```
.text, #text, p{  
    color:#4F7579  
}
```

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 #4F7579 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7579
}
```

## Border

The CSS property to change the border of an element to Decimal 5207417 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
#4F7579 }
```

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

```
.border{ border-color:#4F7579 }
```

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

Here you see how a box with a 4 pixel #4F7579 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7579; -webkit-box-shadow:4px 4px  
4px 4px #4F7579; box-shadow:4px 4px 4px  
4px #4F7579 }
```

# Background

The CSS property to change the background color of an element to Decimal 5207417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7579 }
```

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

```
.background{ background-color:#4F7579 }
```

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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