

# Converting Colors

Decimal(6060921)

Have a look what the booklet for  
Decimal(6060921) contains.

<b>Decimal(6060921)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6060921)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5C7B79
RGB	92, 123, 121
RGB Percent	36%, 48%, 47%
CMY	0.6392, 0.5176, 0.5255
CMYK	0.25, 0.00, 0.02, 0.52
HSL	176°, 14%, 42%
HSV	176°, 25%, 48%
XYZ	14.9478, 17.8217, 20.7413
YIQ	113.5030, -17.8340, -7.1940

# Conversions

## Conversions Part 2

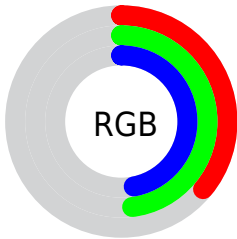
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 108, 123
Decimal	6060921
CIE <sub>Lab</sub>	49.28, -11.49, -2.53
CIE <sub>LCh</sub>	49, 11.763, 192.404
Yxy	17.8217, 0.2793, 0.3330
Android (android.graphics.Color)	4284251001 (0xFF5C7B79)
YUV	113.5030, 3.6960, -18.8581
Hunter-Lab	42.2158, -10.6742, 0.4209

# Details

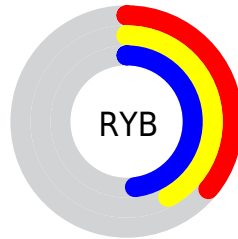
The Decimal color **6060921** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8084574**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9416877**, and **2968137** is the 20% darker color. If you saturate the color by 10%, you get **5274488**, and if you desaturate by 10%, it is **6847354**.

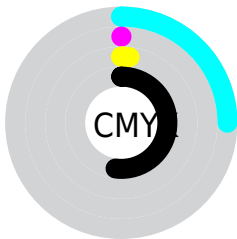
# Distribution



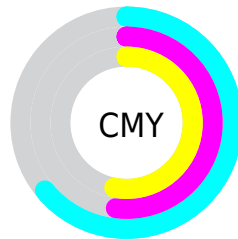
- Red (36%)
- Green (48%)
- Blue (47%)



- Red (36%)
- Yellow (42%)
- Blue (48%)



- Cyan (25%)
- Magenta (0%)
- Yellow (2%)
- Black (52%)



- Cyan (64%)
- Magenta (52%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6060921 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 6060921 by changing the saturation by 10% instead.



6060921

6060921

16777215

4481632

9416877

2968137

11193289

1455154

12969957

7709

14811135

3

16711679

0

6060921

6060921

5274488

6847354

4422519

7699323

■ 3636087

■ 8485755

■ 2849654

■ 9272188

■ 1997685

■ 10124157

■ 1211252

■ 10910590

■ 424819

■ 11697023

■ 31603

■ 12483455

■ 13335424

# Harmonies

## Analogous

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



6519663



6060921



6060674

# Triad

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



6060921



8155524



8614498

# Complementary

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



6060921



8084574

# 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.



9007208



6060921



8810363

# Square

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



6060921



7304584



9072241



7960162

# Rectangle

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



6060921



6322566



9072241



8745316



# Sweetspot

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



6060921



9740704



6191964



4805201



13750737



5395026



# Same Dimension

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



6060921



7381406



6057595



3620157



32117



64748



# Inverse Universe

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



8084574



10580084



8087900



4011831



8192008



16515088



# Previews

## White Background



This preview shows how the Decimal color 6060921 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 6060921 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

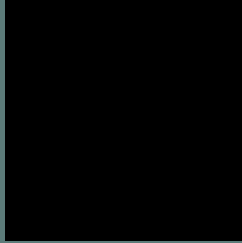
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6060921 Background



This preview shows how black text looks on a background with the Decimal color 6060921.

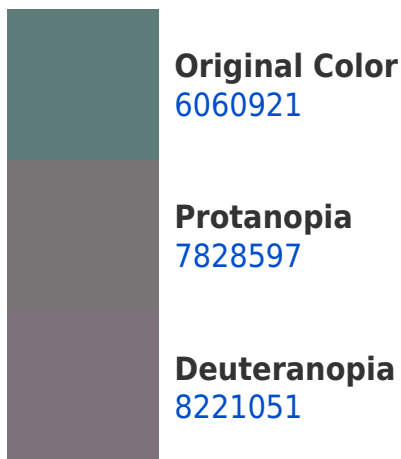



This preview shows how white text looks on a background with the Decimal color 6060921.

# 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**  
6191491

# Trichromacy



**Original Color**  
6060921

**Protanomaly**  
7174006

**Deuteranomaly**  
7435642

**Tritanomaly**  
6126207

# Monochromacy



**Original Color**  
6060921

**Achromatopsia**  
7500402

**Achromatomaly**  
6976885

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6060921 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 #5C7B79 looks like.

```
.text, #text, p{  
  color:#5C7B79  
}
```

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 #5C7B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C7B79
}
```

## Border

The CSS property to change the border of an element to Decimal 6060921 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
#5C7B79 }
```

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

```
.border{ border-color:#5C7B79 }
```

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

Here you see how a box with a 4 pixel #5C7B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C7B79; -webkit-box-shadow:4px 4px  
4px 4px #5C7B79; box-shadow:4px 4px 4px  
4px #5C7B79 }
```

# Background

The CSS property to change the background color of an element to Decimal 6060921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C7B79 }
```

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

```
.background{ background-color:#5C7B79 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor