

# Converting Colors

Decimal(5604741)

Have a look what the booklet for  
Decimal(5604741) contains.

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# Color

**Decimal(5604741)**

# Conversions

## Conversions Part 1

Format	Color
Hex	558585
RGB	85, 133, 133
RGB Percent	33%, 52%, 52%
CMY	0.6667, 0.4784, 0.4784
CMYK	0.36, 0.00, 0.00, 0.48
HSL	180°, 22%, 43%
HSV	180°, 36%, 52%
XYZ	16.3675, 20.3998, 25.2652
YIQ	118.6480, -28.6080, -10.1760

# Conversions

## Conversions Part 2

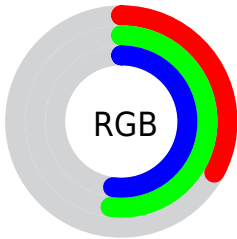
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 109, 133
Decimal	5604741
CIE <sub>Lab</sub>	52.29, -16.16, -5.16
CIE <sub>LCh</sub>	52, 16.968, 197.721
Yxy	20.3998, 0.2639, 0.3289
Android (android.graphics.Color)	4283794821 (0xFF558585)
YUV	118.6480, 7.0755, -29.5093
Hunter-Lab	45.1661, -14.3553, -1.5495

# Details

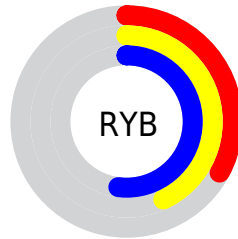
The Decimal color **5604741** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8738133**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **9026234**, and **2315092** is the 20% darker color. If you saturate the color by 10%, you get **4752773**, and if you desaturate by 10%, it is **6456709**.

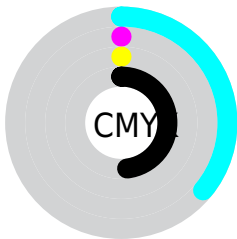
# Distribution



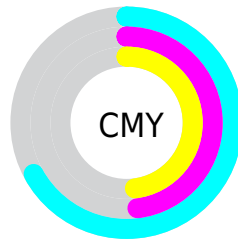
- Red (33%)
- Green (52%)
- Blue (52%)



- Red (33%)
- Yellow (43%)
- Blue (52%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (67%)
- Magenta (48%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5604741 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 5604741 by changing the saturation by 10% instead.



■ 5604741

■ 5604741

16777215

■ 3959916

■ 9026234

■ 2315092

■ 10802902

■ 343101

■ 12645106

■ 9767

■ 14483455

■ 4114

■ 16383999

■ 0

■ 5604741

■ 5604741

■ 4752773

■ 6456709

■ 3835269

■ 7374213

■ 2983301

■ 8226181

■ 2131333

■ 9078149

■ 1213829

■ 9995653

■ 361861

■ 10847621

■ 34181

■ 11699589

■ 12551557

■ 13469061

# Harmonies

## Analogous

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



6260086



5604741



5735314

# Triad

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



5604741



9074320



9271905

# Complementary

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



5604741



8738133

# 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.



9991528



5604741



9859971

# Square

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



5604741



7830424



10187637



8355681

# Rectangle

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



5604741



6259095



10187637



9533538



# Sweetspot

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



5604741



10137005



5604693



4937559



14079702



5723991



# Same Dimension

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



5604741



6532525



5598597



3949122



33410



771



# Inverse Universe

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



8738181



11363245



8744277



4340802



8519810



196611



# Previews

## White Background



This preview shows how the Decimal color 5604741 looks on a white 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

# Black Background



This preview shows how the Decimal color 5604741 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

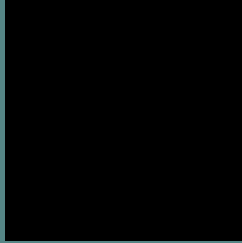
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5604741 Background



This preview shows how black text looks on a background with the Decimal color 5604741.

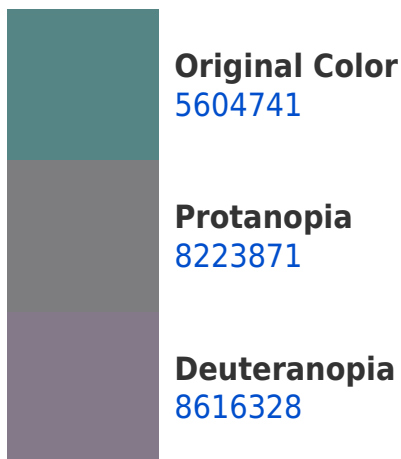


This preview shows how white text looks on a background with the Decimal color 5604741.

# Color Blindness Simulation

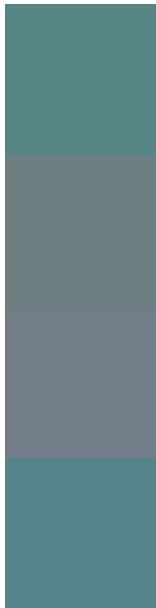
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
5604741

**Protanomaly**  
7241601

**Deuteranomaly**  
7503239

**Tritanomaly**  
5670027

# Monochromacy



**Original Color**  
5604741

**Achromatopsia**  
7829367

**Achromatomaly**  
7044220

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5604741 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 #558585 looks like.

```
.text, #text, p{  
  color:#558585  
}
```

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 #558585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558585
}
```

## Border

The CSS property to change the border of an element to Decimal 5604741 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
#558585 }
```

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

```
.border{ border-color:#558585 }
```

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

Here you see how a box with a 4 pixel #558585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558585; -webkit-box-shadow:4px 4px  
4px 4px #558585; box-shadow:4px 4px 4px  
4px #558585 }
```

# Background

The CSS property to change the background color of an element to Decimal 5604741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558585 }
```

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

```
.background{ background-color:#558585 }
```

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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