

# Converting Colors

Decimal(5607012)

Have a look what the booklet for  
Decimal(5607012) contains.

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# Color

**Decimal(5607012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	558E64
RGB	85, 142, 100
RGB Percent	33%, 56%, 39%
CMY	0.6667, 0.4431, 0.6078
CMYK	0.40, 0.00, 0.30, 0.44
HSL	136°, 25%, 45%
HSV	136°, 40%, 56%
XYZ	15.7196, 22.1974, 15.5126
YIQ	120.1690, -20.4900, -25.1460

# Conversions

## Conversions Part 2

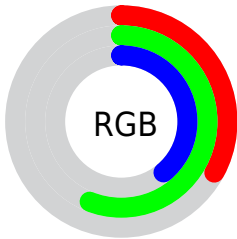
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 130, 142
Decimal	5607012
CIE <sub>Lab</sub>	54.24, -28.29, 16.64
CIE <sub>LCh</sub>	54, 32.817, 149.534
Yxy	22.1974, 0.2942, 0.4155
Android (android.graphics.Color)	4283797092 (0xFF558E64)
YUV	120.1690, -9.9433, -30.8432
Hunter-Lab	47.1141, -22.8934, 13.4583

# Details

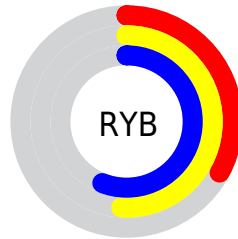
The Decimal color **5607012** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9327999**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9028759**, and **2251573** is the 20% darker color. If you saturate the color by 10%, you get **4689498**, and if you desaturate by 10%, it is **6524526**.

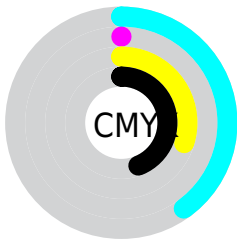
# Distribution



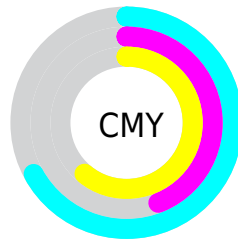
- Red (33%)
- Green (56%)
- Blue (39%)



- Red (33%)
- Yellow (51%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (30%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5607012 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 5607012 by changing the saturation by 10% instead.



 5607012

 5607012

16777215

 3961932

 9028759

 2251573

 10805426

 279327

 12647885

 11273

 14483434

 5888

 16383999

 0

 5607012

 5607012

 4689498

 6524526

 3771983

 7442041

■ 2788933

■ 8425091

■ 1871418

■ 9342606

■ 953904

■ 10260120

■ 36389

■ 11177635

■ 12095149

■ 13078200

■ 13995714

# Harmonies

## Analogous

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



7833679



5607012



2855296

# Triad

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



5607012



5670330



12021351

# Complementary

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



5607012



9327999

# 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.



11955075



5607012



8682163

# Square

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



5607012



1674418



10842527



11236946

# Rectangle

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



5607012



37268



10842527



12151920



# Sweetspot

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



5607012



10664103



8425045



5200978



14408667



6052956



# Same Dimension

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



5607012



6273143



5607040



4212546



34596



2050



# Inverse Universe

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



9327999



12083104



9327971



4669510



8847460



524294



# Previews

## White Background



This preview shows how the Decimal color 5607012 looks on a white background.

## Color Contrast Check

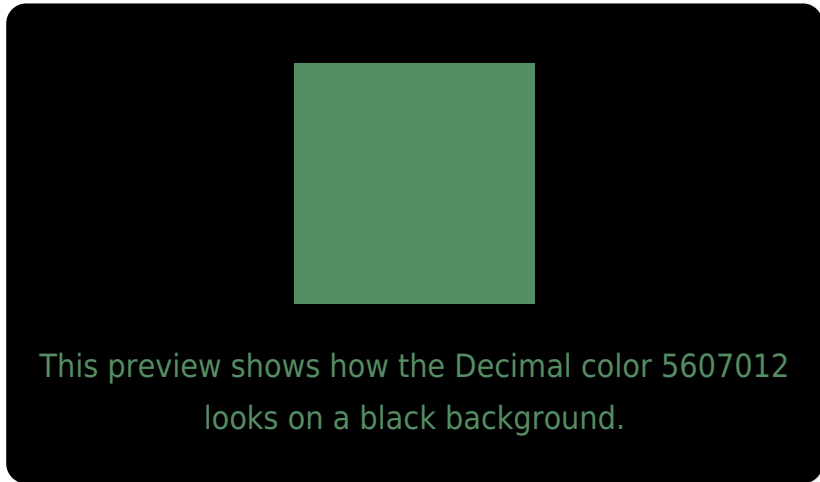
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## 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 5607012 Background



This preview shows how black text looks on a background with the Decimal color 5607012.



This preview shows how white text looks on a background with the Decimal color 5607012.

# 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**  
5607012

**Protanopia**  
9142622

**Deuteranopia**  
9862248

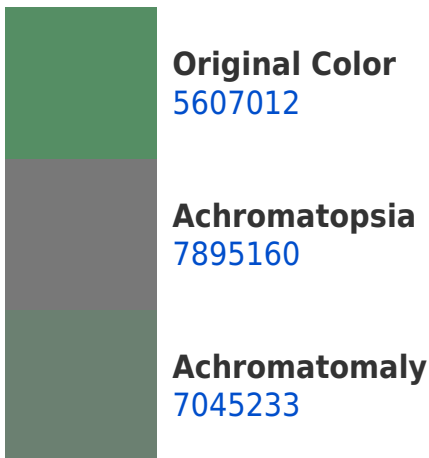


**Tritanopia**  
6260883

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5607012 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 #558E64 looks like.

```
.text, #text, p{  
    color:#558E64  
}
```

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 #558E64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558E64
}
```

## Border

The CSS property to change the border of an element to Decimal 5607012 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
#558E64 }
```

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

```
.border{ border-color:#558E64 }
```

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

Here you see how a box with a 4 pixel #558E64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558E64; -webkit-box-shadow:4px 4px  
4px 4px #558E64; box-shadow:4px 4px 4px  
4px #558E64 }
```

# Background

The CSS property to change the background color of an element to Decimal 5607012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558E64 }
```

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

```
.background{ background-color:#558E64 }
```

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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