

Converting Colors

Decimal(5607007)

Have a look what the booklet for
Decimal(5607007) contains.

Decimal(5607007)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5607007)

Conversions

Conversions Part 1

Format	Color
Hex	558E5F
RGB	85, 142, 95
RGB Percent	33%, 56%, 37%
CMY	0.6667, 0.4431, 0.6275
CMYK	0.40, 0.00, 0.33, 0.44
HSL	131°, 25%, 45%
HSV	131°, 40%, 56%
XYZ	15.4849, 22.1035, 14.2767
YIQ	119.5990, -18.8850, -26.7010

Conversions

Conversions Part 2

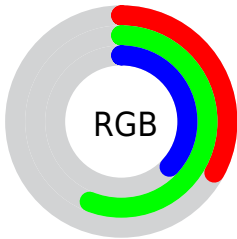
Format	Color
R_{YB}	85, 133, 142
Decimal	5607007
CIE _{Lab}	54.14, -29.23, 19.32
CIE _{LCh}	54, 35.039, 146.539
Yxy	22.1035, 0.2986, 0.4262
Android (android.graphics.Color)	4283797087 (0xFF558E5F)
YUV	119.5990, -12.1273, -30.3433
Hunter-Lab	47.0144, -23.4836, 14.9056

Details

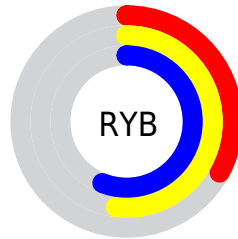
The Decimal color **5607007** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9328004**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **9028754**, and **2251568** is the 20% darker color. If you saturate the color by 10%, you get **4689491**, and if you desaturate by 10%, it is **6524523**.

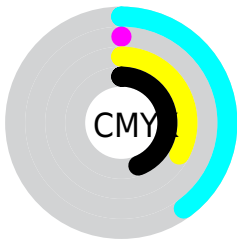
Distribution



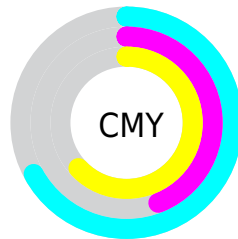
- Red (33%)
- Green (56%)
- Blue (37%)



- Red (33%)
- Yellow (52%)
- Blue (56%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5607007 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 5607007 by changing the saturation by 10% instead.

 5607007

 5607007

16777215

 3961927

 9028754

 2251568

 10805420

 279323

 12647880

 11266

 14483428

 5888

 16383999

 0

 5607007

 5607007

 4689491

 6524523

 3771976

 7442038

■ 2788924

■ 8425090

■ 1871408

■ 9342606

■ 953892

■ 10260122

■ 36377

■ 11177637

■ 12095153

■ 13078205

■ 13995720

Harmonies

Analogous

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



7964746



5607007



2331005

Triad

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



5607007



4949693



12282728

Complementary

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



5607007



9328004

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.



12085638



5607007



8354744

Square

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



5607007



36275



10776739



11498576

Rectangle

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



5607007



37266



10776739



12348018

Sweetspot

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



5607007



10664101



8752725



5200977



14408667



6052956

Same Dimension

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



5607007



6273135



5607035



4212546



34584



2049

Inverse Universe

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



9328004



12083112



9327976



4669510



8847471



524294

Previews

White Background



This preview shows how the Decimal color 5607007 looks on a white background.

Color Contrast Check

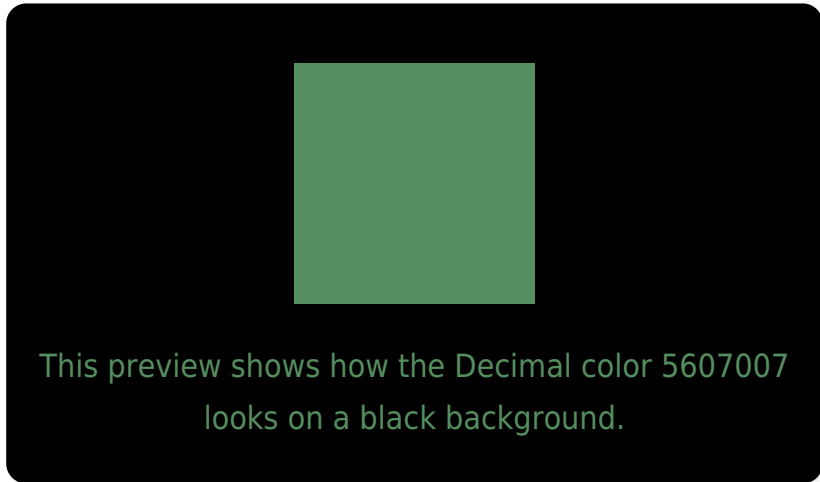
Large Text (above 18pt) WCAG AA ✓ Pass

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

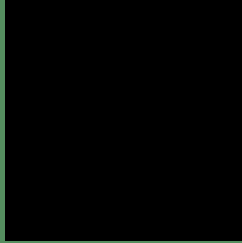
Any Text WCAG AA ✓ Pass

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 5607007 Background



This preview shows how black text looks on a background with the Decimal color 5607007.



This preview shows how white text looks on a background with the Decimal color 5607007.

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
6326418

Trichromacy



Original Color
5607007

Protanomaly
7833179

Deuteranomaly
8356706

Tritanomaly
6064767

Monochromacy



Original Color
5607007

Achromatopsia
7895160

Achromatomaly
7045231

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5607007 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 #558E5F looks like.

```
.text, #text, p{  
  color:#558E5F  
}
```

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 #558E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #558E5F
}
```

Border

The CSS property to change the border of an element to Decimal 5607007 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
#558E5F }
```

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

```
.border{ border-color:#558E5F }
```

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

Here you see how a box with a 4 pixel #558E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #558E5F; -webkit-box-shadow:4px 4px  
4px 4px #558E5F; box-shadow:4px 4px 4px  
4px #558E5F }
```

Background

The CSS property to change the background color of an element to Decimal 5607007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#558E5F }
```

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

```
.background{ background-color:#558E5F }
```

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