

Converting Colors

Decimal(6727767)

Have a look what the booklet for
Decimal(6727767) contains.

Decimal(6727767)	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(6727767)

Conversions

Conversions Part 1

Format	Color
Hex	66A857
RGB	102, 168, 87
RGB Percent	40%, 66%, 34%
CMY	0.6000, 0.3412, 0.6588
CMYK	0.39, 0.00, 0.48, 0.34
HSL	109°, 32%, 50%
HSV	109°, 48%, 66%
XYZ	21.2024, 31.5182, 13.9830
YIQ	139.0320, -13.3350, -39.1830

Conversions

Conversions Part 2

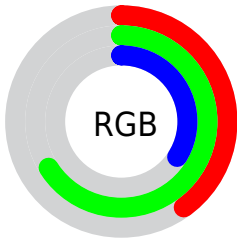
Format	Color
RYB	87, 168, 153
Decimal	6727767
CIELab	62.94, -37.03, 35.20
CIELCh	63, 51.094, 136.449
Yxy	31.5182, 0.3179, 0.4725
Android (android.graphics.Color)	4284917847 (0xFF66A857)
YUV	139.0320, -25.6518, -32.4771
Hunter-Lab	56.1410, -30.8339, 24.5315

Details

The Decimal color **6727767** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10049448**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **10281098**, and **3240742** is the 20% darker color. If you saturate the color by 10%, you get **5810246**, and if you desaturate by 10%, it is **7645288**.

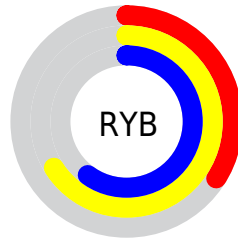
Distribution



Red (40%)

Green (66%)

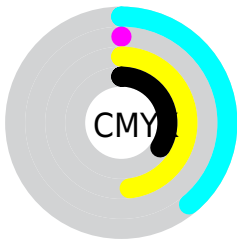
Blue (34%)



Red (34%)

Yellow (66%)

Blue (60%)

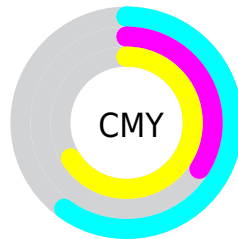


Cyan (39%)

Magenta (0%)

Yellow (48%)

Black (34%)



Cyan (60%)

Magenta (34%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6727767 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 6727767 by changing the saturation by 10% instead.

 6727767

 6727767

16777215

 4951358

 10281098

 3240742

 12123301

 1202701

 14024641

 16896

 15925213

 11264

 16777210

 4608

 0

 6727767

 6727767

 5810246

 7645288

■ 4958261

■ 8497273

■ 4040741

■ 9414793

■ 3123220

■ 10332314

■ 2271235

■ 11184299

■ 2074624

■ 12101820

■ 13019341

■ 13936861

■ 14788846

Harmonies

Analogous

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



10133052



6727767



44673

Triad

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



6727767



41968



15561345

Complementary

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



6727767



10049448

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.



14775215



6727767



7836911

Square

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



6727767



44249



12288727



14777688

Rectangle

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



6727767



44961



12288727



15495312

Sweetspot

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



6727767



12770237



11049047



6188635



15592941



7237230

Same Dimension

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



6727767



7658332



5744751



5067852



1807360



267264

Inverse Universe

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



10049448



12868827



11032464



5459028



7930004



1114132

Previews

White Background



This preview shows how the Decimal color 6727767 looks on a white background.

Color Contrast Check

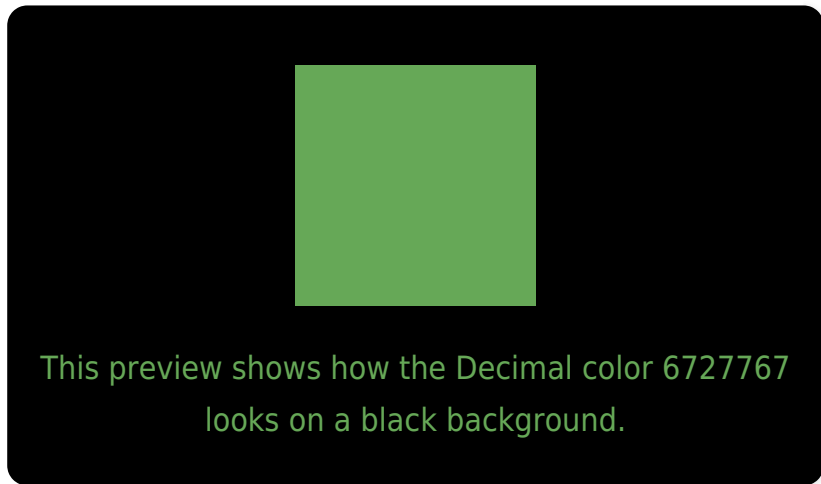
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Decimal 6727767 Background



This preview shows how black text looks on a background with the Decimal color 6727767.



This preview shows how white text looks on a background with the Decimal color 6727767.

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
7708587

Trichromacy



Original Color
6727767

Protanomaly
9412179

Deuteranomaly
10131803

Tritanomaly
7381644

Monochromacy



Original Color
6727767

Achromatopsia
9145227

Achromatomaly
8296056

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6727767 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 #66A857 looks like.

```
.text, #text, p{  
    color:#66A857  
}
```

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 #66A857 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A857
}
```

Border

The CSS property to change the border of an element to Decimal 6727767 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
#66A857 }
```

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

```
.border{ border-color:#66A857 }
```

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

Here you see how a box with a 4 pixel #66A857 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A857; -webkit-box-shadow:4px 4px  
4px 4px #66A857; box-shadow:4px 4px 4px  
4px #66A857 }
```

Background

The CSS property to change the background color of an element to Decimal 6727767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A857 }
```

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

```
.background{ background-color:#66A857 }
```

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