

# Converting Colors

Decimal(6727056)

Have a look what the booklet for  
Decimal(6727056) contains.

<b>Decimal(6727056)</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(6727056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66A590
RGB	102, 165, 144
RGB Percent	40%, 65%, 56%
CMY	0.6000, 0.3529, 0.4353
CMYK	0.38, 0.00, 0.13, 0.35
HSL	160°, 26%, 52%
HSV	160°, 38%, 65%
XYZ	23.9687, 31.7487, 31.2504
YIQ	143.7690, -30.8070, -19.8870

# Conversions

## Conversions Part 2

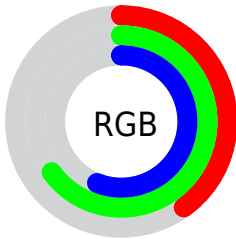
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 140, 165
Decimal	6727056
CIELab	63.13, -25.21, 4.51
CIELCh	63, 25.607, 169.848
Yxy	31.7487, 0.2756, 0.3651
Android (android.graphics.Color)	4284917136 (0xFF66A590)
YUV	143.7690, 0.1139, -36.6314
Hunter-Lab	56.3460, -22.6744, 6.5590

# Details

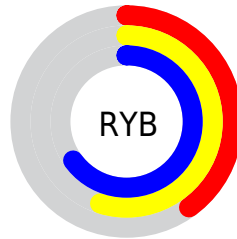
The Decimal color **6727056** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10839675**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **10214598**, and **3305822** is the 20% darker color. If you saturate the color by 10%, you get **5612939**, and if you desaturate by 10%, it is **7775637**.

# Distribution



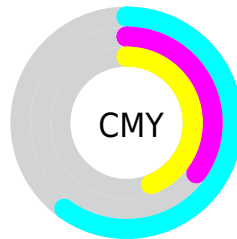
- Red (40%)
- Green (65%)
- Blue (56%)



- Red (40%)
- Yellow (55%)
- Blue (65%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (35%)



- Cyan (60%)
- Magenta (35%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6727056 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 6727056 by changing the saturation by 10% instead.



6727056

6727056

16777215

5016182

10214598

3305822

12057058

1464390

13893630

16432

15794175

10779

4864

0

6727056

6727056

5612939

7775637

■ 4564357

■ 8889755

■ 3450239

■ 9938336

■ 2401658

■ 11052454

■ 1287540

■ 12101035

■ 238959

■ 13215153

■ 42350

■ 14263735

■ 15377852

■ 16426434

# Harmonies

## Analogous

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



8364667



6727056



5547431

# Triad

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



6727056



9606851



12684663

# Complementary

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



6727056



10839675

# 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.



13076874



6727056



11439798

# Square

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



6727056



7445957



12683682



11572588

# Rectangle

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



6727056



5547189



12683682



12880765



# Sweetspot

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



6727056



12572366



8103270



6122342



15461355



7039851



# Same Dimension

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



6727056



7657141



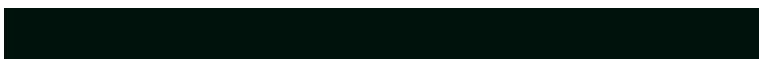
6724261



4805199



37217



4620



# Inverse Universe

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



10839675



14054549



10842214



5392716



9502768



1179654



# Previews

## White Background



This preview shows how the Decimal color 6727056 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



This preview shows how the Decimal color 6727056 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 ✓ Pass

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



## Decimal 6727056 Background



This preview shows how black text looks on a background with the Decimal color 6727056.




This preview shows how white text looks on a background with the Decimal color 6727056.

# 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**  
7184814

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6727056 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 #66A590 looks like.

```
.text, #text, p{  
    color:#66A590  
}
```

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 #66A590 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A590
}
```

## Border

The CSS property to change the border of an element to Decimal 6727056 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
#66A590 }
```

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

```
.border{ border-color:#66A590 }
```

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

Here you see how a box with a 4 pixel #66A590 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A590; -webkit-box-shadow:4px 4px  
4px 4px #66A590; box-shadow:4px 4px 4px  
4px #66A590 }
```

# Background

The CSS property to change the background color of an element to Decimal 6727056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A590 }
```

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

```
.background{ background-color:#66A590 }
```

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