

# Converting Colors

Decimal(6459238)

Have a look what the booklet for  
Decimal(6459238) contains.

<b>Decimal(6459238)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(6459238)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628F66
RGB	98, 143, 102
RGB Percent	38%, 56%, 40%
CMY	0.6157, 0.4392, 0.6000
CMYK	0.31, 0.00, 0.29, 0.44
HSL	125°, 19%, 47%
HSV	125°, 31%, 56%
XYZ	17.2577, 23.2009, 16.1390
YIQ	124.8710, -13.6590, -22.2910

# Conversions

## Conversions Part 2

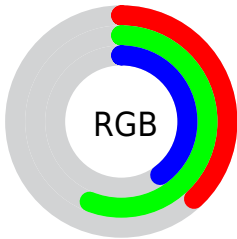
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 139, 143
Decimal	6459238
CIE <sub>Lab</sub>	55.28, -24.11, 17.05
CIE <sub>LCh</sub>	55, 29.526, 144.729
Yxy	23.2009, 0.3049, 0.4099
Android (android.graphics.Color)	4284649318 (0xFF628F66)
YUV	124.8710, -11.2754, -23.5659
Hunter-Lab	48.1673, -20.3385, 13.8513

# Details

The Decimal color **6459238** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9396875**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **9880985**, and **3234871** is the 20% darker color. If you saturate the color by 10%, you get **5541721**, and if you desaturate by 10%, it is **7376755**.

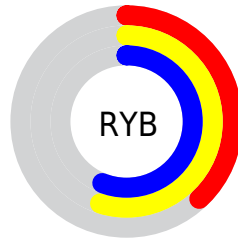
# Distribution



Red (38%)

Green (56%)

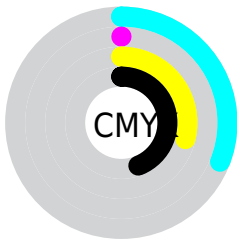
Blue (40%)



Red (38%)

Yellow (55%)

Blue (56%)

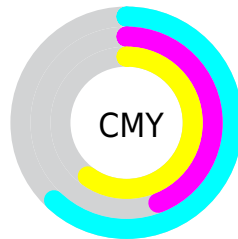


Cyan (31%)

Magenta (0%)

Yellow (29%)

Black (44%)



Cyan (62%)

Magenta (44%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6459238 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 6459238 by changing the saturation by 10% instead.



■ 6459238

■ 6459238

16777215

■ 4814158

■ 9880985

■ 3234871

■ 11657652

■ 1655841

■ 13500112

■ 11787

■ 15335404

■ 6912

■ 0

■ 6459238

■ 6459238

■ 5541721

■ 7376755

■ 4558668

■ 8359808

■ 3641151

■ 9277325

■ 2723634

■ 10194842

■ 1806117

■ 11177895

■ 823064

■ 12095412

■ 36621

■ 13012929

■ 13930446

■ 14913499

# Harmonies

## Analogous

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



8423765



6459238



4362879

# Triad

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



6459238



5867703



11956848

# Complementary

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



6459238



9396875

# 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.



11760010



6459238



8486835

# Square

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



6459238



3182509



10516130



11368539

# Rectangle

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



6459238



2986640



10516130



12022137



# Sweetspot

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



6459238



11123371



9146210



5529173



14606046



6184542



# Same Dimension

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



6459238



7584378



6459260



4212545



34572



2049



# Inverse Universe

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



9396875



12219316



9396853



4669511



8847483



524295



# Previews

## White Background



This preview shows how the Decimal color 6459238 looks on a white background.

## Color Contrast Check

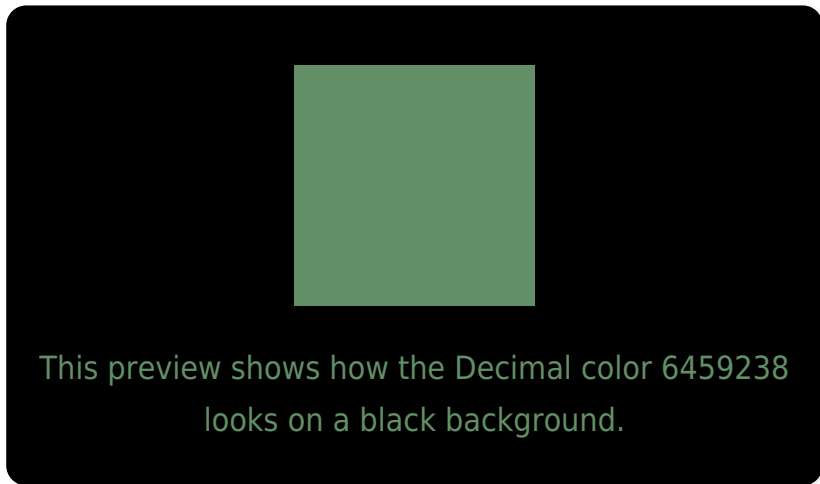
Large Text (above 18pt) WCAG AA ✓ Pass

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

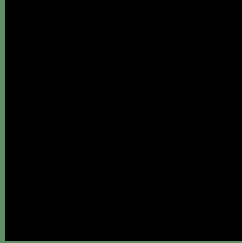
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6459238 Background



This preview shows how black text looks on a background with the Decimal color 6459238.



This preview shows how white text looks on a background with the Decimal color 6459238.

# 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**  
6459238

**Protanomaly**  
8292451

**Deuteranomaly**  
8815977

**Tritanomaly**  
6851459

# Monochromacy



**Original Color**  
6459238

**Achromatopsia**  
8224125

**Achromatomaly**  
7570549

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6459238 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 #628F66 looks like.

```
.text, #text, p{  
  color:#628F66  
}
```

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 #628F66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628F66  
}
```

## Border

The CSS property to change the border of an element to Decimal 6459238 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  
#628F66 }
```

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

```
.border{ border-color:#628F66 }
```

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

Here you see how a box with a 4 pixel #628F66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628F66; -webkit-box-shadow:4px 4px  
4px 4px #628F66; box-shadow:4px 4px 4px  
4px #628F66 }
```

# Background

The CSS property to change the background color of an element to Decimal 6459238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628F66 }
```

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

```
.background{ background-color:#628F66 }
```

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