

# Converting Colors

Decimal(6789469)

Have a look what the booklet for  
Decimal(6789469) contains.

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# Color

**Decimal(6789469)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67995D
RGB	103, 153, 93
RGB Percent	40%, 60%, 36%
CMY	0.5961, 0.4000, 0.6353
CMYK	0.33, 0.00, 0.39, 0.40
HSL	110°, 24%, 48%
HSV	110°, 39%, 60%
XYZ	18.9605, 26.4563, 14.4632
YIQ	131.2100, -10.5400, -29.2600

# Conversions

## Conversions Part 2

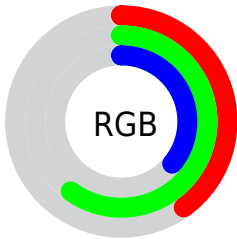
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 153, 143
Decimal	6789469
CIE <sub>Lab</sub>	58.47, -28.83, 26.35
CIE <sub>LCh</sub>	58, 39.055, 137.578
Yxy	26.4563, 0.3166, 0.4418
Android (android.graphics.Color)	4284979549 (0xFF67995D)
YUV	131.2100, -18.8375, -24.7402
Hunter-Lab	51.4357, -24.2128, 19.3333

# Details

The Decimal color **6789469** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9395609**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **10277008**, and **3499566** is the 20% darker color. If you saturate the color by 10%, you get **5937486**, and if you desaturate by 10%, it is **7641452**.

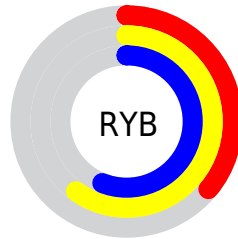
# Distribution



Red (40%)

Green (60%)

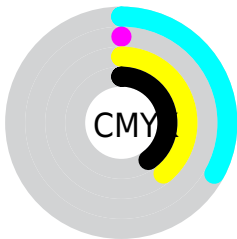
Blue (36%)



Red (36%)

Yellow (60%)

Blue (56%)

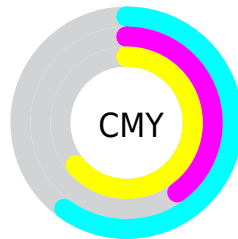


Cyan (33%)

Magenta (0%)

Yellow (39%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6789469 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 6789469 by changing the saturation by 10% instead.





6789469



6789469

16777215



5144389



10277008



3499566



12053675



1789207



13893574



13824



15794146



8704



0



6789469



6789469



5937486



7641452



5151038



8427900

■ 4299055

■ 9279883

■ 3447072

■ 10131866

■ 2595088

■ 10983850

■ 1743105

■ 11835833

■ 1677568

■ 12622280

■ 13474263

■ 14326247

# Harmonies

## Analogous

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



9343305



6789469



3382653

# Triad

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



6789469



3314895



13529466

# Complementary

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



6789469



9395609

# 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.



12939932



6789469



8030670

# Square

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



6789469



39870



11107515



12941915

# Rectangle

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



6789469



40596



11107515



13463941



# Sweetspot

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



6789469



11782063



10063709



5792598



14935011



6513507



# Same Dimension

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



6789469



7980905



6134129



4607301



1543168



134400



# Inverse Universe

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



9395609



12020167



10050949



4932941



7667852



720909



# Previews

## White Background



This preview shows how the Decimal color 6789469 looks on a white background.

## Color Contrast Check

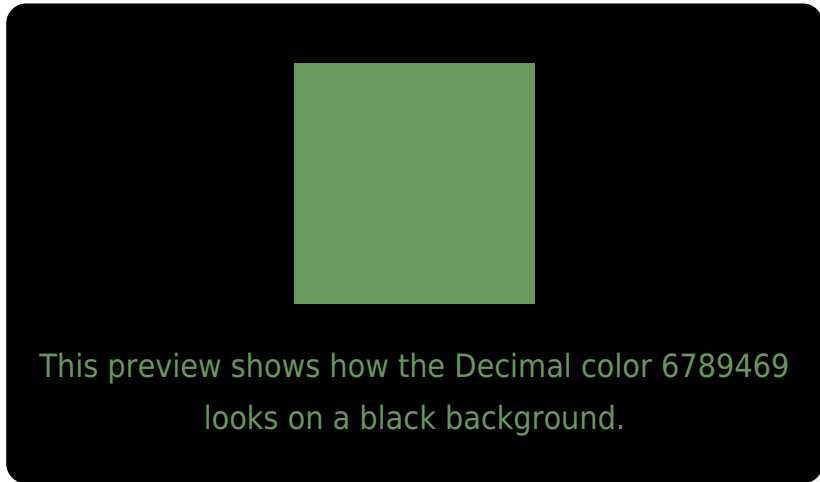
Large Text (above 18pt) WCAG AA ✓ Pass

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 6789469 Background



This preview shows how black text looks on a background with the Decimal color 6789469.




This preview shows how white text looks on a background with the Decimal color 6789469.

# 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**  
7508381

# Trichromacy



**Original Color**  
6789469

**Protanomaly**  
8884570

**Deuteranomaly**  
9473376

**Tritanomaly**  
7246982

# Monochromacy



**Original Color**  
6789469

**Achromatopsia**  
8618883

**Achromatomaly**  
7965557

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6789469 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 #67995D looks like.

```
.text, #text, p{  
    color:#67995D  
}
```

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 #67995D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67995D
}
```

## Border

The CSS property to change the border of an element to Decimal 6789469 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
#67995D }
```

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

```
.border{ border-color:#67995D }
```

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

Here you see how a box with a 4 pixel #67995D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67995D; -webkit-box-shadow:4px 4px  
4px 4px #67995D; box-shadow:4px 4px 4px  
4px #67995D }
```

# Background

The CSS property to change the background color of an element to Decimal 6789469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67995D }
```

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

```
.background{ background-color:#67995D }
```

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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