

# Converting Colors

Decimal(6849366)

Have a look what the booklet for  
Decimal(6849366) contains.

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# Color

**Decimal(6849366)**

# Conversions

## Conversions Part 1

Format	Color
Hex	688356
RGB	104, 131, 86
RGB Percent	41%, 51%, 34%
CMY	0.5922, 0.4863, 0.6627
CMYK	0.21, 0.00, 0.34, 0.49
HSL	96°, 21%, 43%
HSV	96°, 34%, 51%
XYZ	15.5049, 19.8475, 11.8179
YIQ	117.7970, -1.6470, -19.7190

# Conversions

## Conversions Part 2

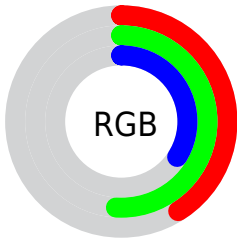
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 131, 113
Decimal	6849366
CIE <sub>Lab</sub>	51.66, -18.46, 21.26
CIE <sub>LCh</sub>	52, 28.155, 130.962
Yxy	19.8475, 0.3287, 0.4208
Android (android.graphics.Color)	4285039446 (0xFF688356)
YUV	117.7970, -15.6759, -12.1000
Hunter-Lab	44.5506, -15.8402, 15.4576

# Details

The Decimal color **6849366** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7427715**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10270856**, and **3690792** is the 20% darker color. If you saturate the color by 10%, you get **6325065**, and if you desaturate by 10%, it is **7373667**.

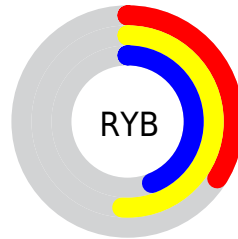
# Distribution



Red (41%)

Green (51%)

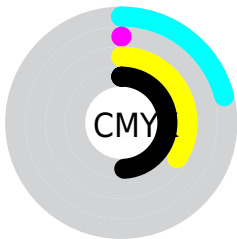
Blue (34%)



Red (34%)

Yellow (51%)

Blue (44%)

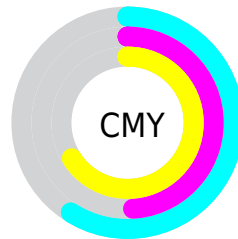


Cyan (21%)

Magenta (0%)

Yellow (34%)

Black (49%)



Cyan (59%)

Magenta (49%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6849366 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 6849366 by changing the saturation by 10% instead.





6849366



6849366

16777215



5204542



10270856



3690792



12047523



2177554



13889726



926720



15728602



2816



16777206



0



6849366



6849366



6325065



7373667



5800764



7897968

■ 5276463

■ 8422269

■ 4817698

■ 8881034

■ 4293397

■ 9405335

■ 3769095

■ 9929637

■ 3441408

■ 10453938

■ 10978239

■ 11502540

# Harmonies

## Analogous

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



8617291



6849366



4949867

# Triad

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



6849366



4227752



11168115

# Complementary

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



6849366



7427715

# 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.



10578827



6849366



6781610

# Square

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



6849366



2131866



9007776



10972509

# Rectangle

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



6849366



3573883



9007776



11102587



# Sweetspot

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



6849366



10595226



8614230



5265228



14079702



5723991



# Same Dimension

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



6849366



8498021



5669722



4080188



3441152



66304



# Inverse Universe

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



7427715



9397675



8607359



4209730



5111938



131075



# Previews

## White Background



This preview shows how the Decimal color 6849366 looks on a white background.

## Color Contrast Check

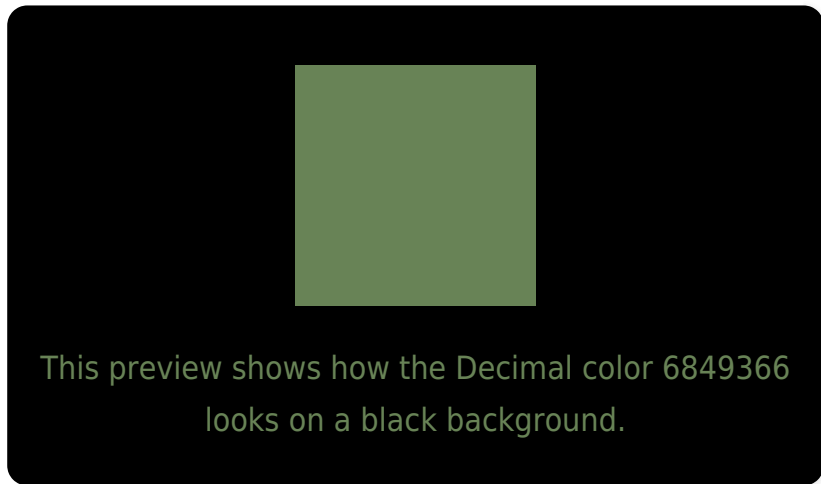
Large Text (above 18pt) WCAG AA ✓ Pass

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

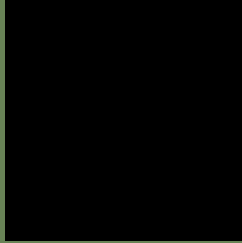
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 6849366 Background



This preview shows how black text looks on a background with the Decimal color 6849366.



This preview shows how white text looks on a background with the Decimal color 6849366.

# 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](#).

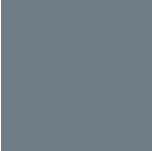
## Dichromacy



**Original Color**  
6849366

**Protanopia**  
8747859

**Deuteranopia**  
9598553



**Tritanopia**  
7306631

# Trichromacy



**Original Color**  
6849366

**Protanomaly**  
8027732

**Deuteranomaly**  
8616792

**Tritanomaly**  
7110517

# Monochromacy



**Original Color**  
6849366

**Achromatopsia**  
7763574

**Achromatomaly**  
7437162

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6849366 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 #688356 looks like.

```
.text, #text, p{  
  color:#688356  
}
```

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 #688356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #688356
}
```

## Border

The CSS property to change the border of an element to Decimal 6849366 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
#688356 }
```

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

```
.border{ border-color:#688356 }
```

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

Here you see how a box with a 4 pixel #688356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #688356; -webkit-box-shadow:4px 4px  
4px 4px #688356; box-shadow:4px 4px 4px  
4px #688356 }
```

# Background

The CSS property to change the background color of an element to Decimal 6849366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#688356 }
```

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

```
.background{ background-color:#688356 }
```

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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