

# Converting Colors

Decimal(6842712)

Have a look what the booklet for  
Decimal(6842712) contains.

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# Color

**Decimal(6842712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	686958
RGB	104, 105, 88
RGB Percent	41%, 41%, 35%
CMY	0.5922, 0.5882, 0.6549
CMYK	0.01, 0.00, 0.16, 0.59
HSL	64°, 9%, 38%
HSV	64°, 16%, 41%
XYZ	12.5219, 13.7508, 11.2267
YIQ	102.7630, 4.8610, -5.4990

# Conversions

## Conversions Part 2

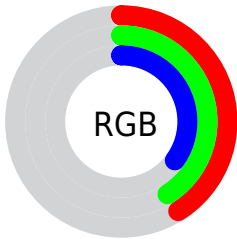
Format	Color
R <sub>Y</sub> B	88, 105, 89
Decimal	6842712
CIE Lab	43.87, -3.66, 9.45
CIE LCh	44, 10.129, 111.163
Yxy	13.7508, 0.3339, 0.3667
Android (android.graphics.Color)	4285032792 (0xFF686958)
YUV	102.7630, -7.2782, 1.0848
Hunter-Lab	37.0821, -4.6173, 8.0072

# Details

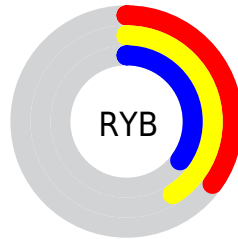
The Decimal color **6842712** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5855337**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **10198154**, and **3750443** is the 20% darker color. If you saturate the color by 10%, you get **6777166**, and if you desaturate by 10%, it is **6908258**.

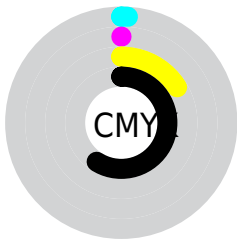
# Distribution



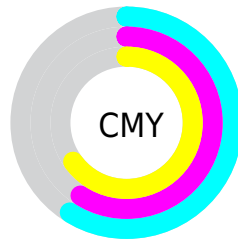
- Red (41%)
- Green (41%)
- Blue (35%)



- Red (35%)
- Yellow (41%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (16%)
- Black (59%)



- Cyan (59%)
- Magenta (59%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6842712 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 6842712 by changing the saturation by 10% instead.





6842712



6842712

16777215



5263681



10198154



3750443



11974564



2302998



13816767



790272



15658971



0



16777208



6842712



6842712



6777166



6908258



6777155



6908269

6711609

6973815

6711598

6973826

6646052

7039373

6580505

7104919

6580494

7104929

6514948

7170476

6514944

7236023

# Harmonies

## Analogous

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



7431767



6842712



6187869

# Triad

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



6842712



5532532



7823979

# Complementary

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



6842712



5855337

# 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.



7365746



6842712



6056312

# Square

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



6842712



5401965



6710903



8020578

# Rectangle

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



6842712



5860450



6710903



7693165



# Sweetspot

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



6842712



9013891



6904152



4539713



12895428



4539717



# Same Dimension

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



6842712



8948336



6318424



3487280



7238912



15136000



# Inverse Universe

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



5855337



7434378



6379625



3223606



458869



917749



# Previews

## White Background



This preview shows how the Decimal color 6842712 looks on a white background.

## Color Contrast Check

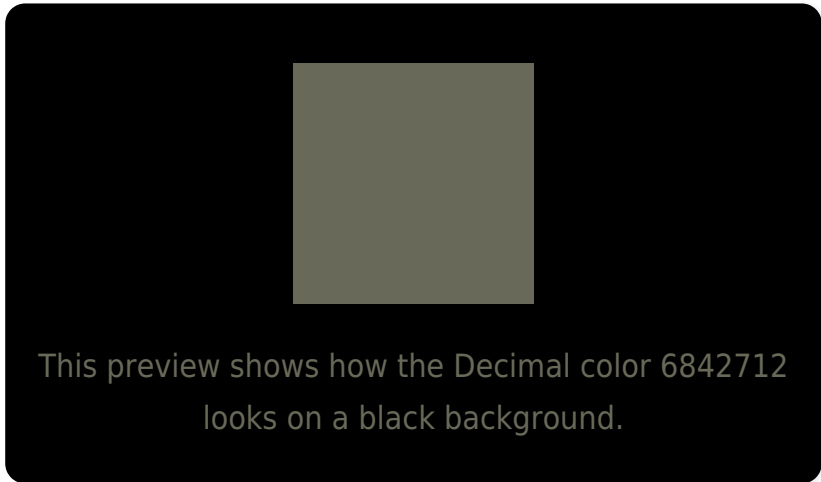
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

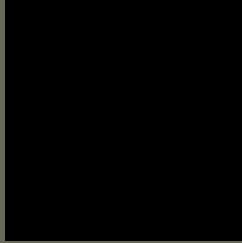
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

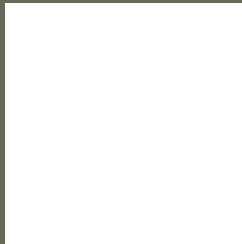
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 6842712 Background



This preview shows how black text looks on a background with the Decimal color 6842712.



This preview shows how white text looks on a background with the Decimal color 6842712.

# 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**  
6842712

**Protanopia**  
7169879

**Deuteranopia**  
7824473



**Tritanopia**  
7038574

# Trichromacy



**Original Color**  
6842712

**Protanomaly**  
7039063

**Deuteranomaly**  
7497305

**Tritanomaly**  
6973286

# Monochromacy



**Original Color**  
6842712

**Achromatopsia**  
6776679

**Achromatomaly**  
6776930

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6842712 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 #686958 looks like.

```
.text, #text, p{  
    color:#686958  
}
```

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 #686958 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686958  
}
```

## Border

The CSS property to change the border of an element to Decimal 6842712 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".

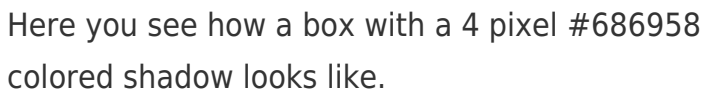
```
.border, #border, table{ border:4px solid  
#686958 }
```

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

```
.border{ border-color:#686958 }
```

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

Here you see how a box with a 4 pixel #686958 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686958; -webkit-box-shadow:4px 4px  
4px 4px #686958; box-shadow:4px 4px 4px  
4px #686958 }
```

# Background

The CSS property to change the background color of an element to Decimal 6842712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686958 }
```

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

```
.background{ background-color:#686958 }
```

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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