

# Converting Colors

Decimal(6777941)

Have a look what the booklet for  
Decimal(6777941) contains.

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# Color

**Decimal(6777941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	676C55
RGB	103, 108, 85
RGB Percent	40%, 42%, 33%
CMY	0.5961, 0.5765, 0.6667
CMYK	0.05, 0.00, 0.21, 0.58
HSL	73°, 12%, 38%
HSV	73°, 21%, 42%
XYZ	12.5958, 14.2646, 10.6838
YIQ	103.8830, 4.4030, -8.2130

# Conversions

## Conversions Part 2

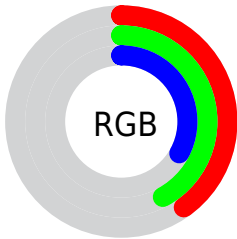
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 108, 90
Decimal	6777941
CIELab	44.61, -6.33, 12.25
CIELCh	45, 13.793, 117.332
Yxy	14.2646, 0.3355, 0.3799
Android (android.graphics.Color)	4284968021 (0xFF676C55)
YUV	103.8830, -9.3093, -0.7744
Hunter-Lab	37.7685, -6.5651, 9.6662

# Details

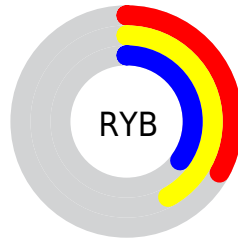
The Decimal color **6777941** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5920108**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10133383**, and **3685672** is the 20% darker color. If you saturate the color by 10%, you get **6646858**, and if you desaturate by 10%, it is **6909024**.

# Distribution



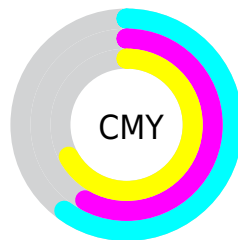
- Red (40%)
- Green (42%)
- Blue (33%)



- Red (33%)
- Yellow (42%)
- Blue (35%)



- Cyan (5%)
- Magenta (0%)
- Yellow (21%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6777941 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 6777941 by changing the saturation by 10% instead.





6777941



6777941

16777215



5198910



10133383



3685672



11909793



2238227



13751996



594688



15594200



0



16777204



6777941



6777941



6646858



6909024



6450239



7105643

■ 6319157

■ 7236725

■ 6188074

■ 7367808

■ 5991455

■ 7564427

■ 5860372

■ 7695510

■ 5729289

■ 7826593

■ 5598208

■ 8023211

■ 8154294

# Harmonies

## Analogous

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



7563347



6777941



5926749

# Triad

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



6777941



5205628



8413803

# Complementary

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



6777941



5920108

# 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.



7824246



6777941



5991296

# Square

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



6777941



4878452



6973310



8479327

# Rectangle

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



6777941



5402724



6973310



8282735



# Sweetspot

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



6777941



9079940



7101013



4605762



13092807



4671303



# Same Dimension

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



6777941



8686696



6057045



3421744



6059264



12645632



# Inverse Universe

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



5920108



7366796



6641004



3223606



1704053



3473653



# Previews

## White Background



This preview shows how the Decimal color 6777941 looks on a white background.

## Color Contrast Check

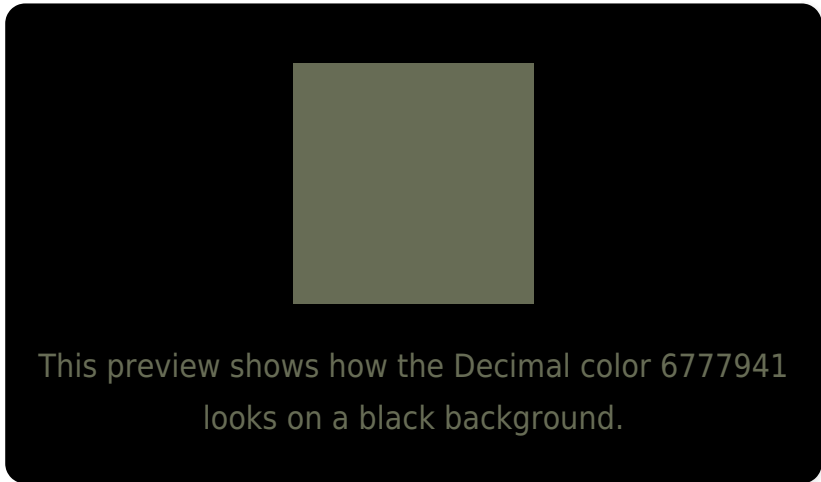
Large Text (above 18pt) WCAG AA ✓ Pass

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

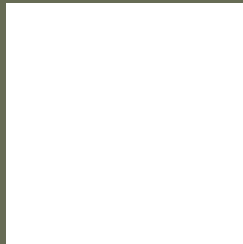
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6777941 Background



This preview shows how black text looks on a background with the Decimal color 6777941.

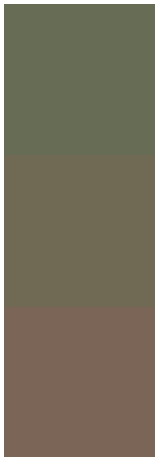


This preview shows how white text looks on a background with the Decimal color 6777941.

# 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**  
6777941

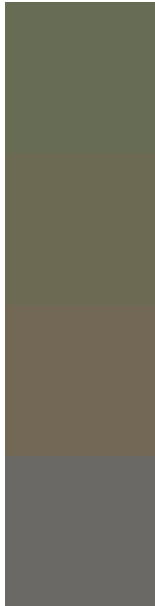
**Protanopia**  
7366996

**Deuteranopia**  
8021334



**Tritanopia**  
7039088

# Trichromacy



**Original Color**  
6777941

**Protanomaly**  
7170644

**Deuteranomaly**  
7563350

**Tritanomaly**  
6973798

# Monochromacy



**Original Color**  
6777941

**Achromatopsia**  
6842472

**Achromatomaly**  
6842721

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6777941 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 #676C55 looks like.

```
.text, #text, p{  
    color:#676C55  
}
```

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 #676C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676C55
}
```

## Border

The CSS property to change the border of an element to Decimal 6777941 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
#676C55 }
```

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

```
.border{ border-color:#676C55 }
```

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

Here you see how a box with a 4 pixel #676C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676C55; -webkit-box-shadow:4px 4px  
4px 4px #676C55; box-shadow:4px 4px 4px  
4px #676C55 }
```

# Background

The CSS property to change the background color of an element to Decimal 6777941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676C55 }
```

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

```
.background{ background-color:#676C55 }
```

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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