

# Converting Colors

Decimal(6778440)

Have a look what the booklet for  
Decimal(6778440) contains.

<b>Decimal(6778440)</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(6778440)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676E48
RGB	103, 110, 72
RGB Percent	40%, 43%, 28%
CMY	0.5961, 0.5686, 0.7176
CMYK	0.06, 0.00, 0.35, 0.57
HSL	71°, 21%, 36%
HSV	71°, 35%, 43%
XYZ	12.3391, 14.5033, 8.2800
YIQ	103.5750, 8.0260, -13.3020

# Conversions

## Conversions Part 2

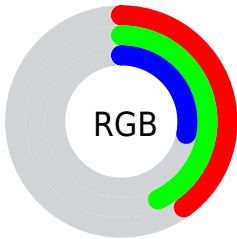
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 110, 79
Decimal	6778440
CIELab	44.95, -9.53, 20.35
CIElCh	45, 22.466, 115.087
Yxy	14.5033, 0.3513, 0.4129
Android (android.graphics.Color)	4284968520 (0xFF676E48)
YUV	103.5750, -15.5665, -0.5043
Hunter-Lab	38.0832, -8.8107, 13.7675

# Details

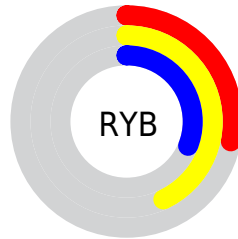
The Decimal color **6778440** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5195886**, and the grayscale version is **6842472**.

A 20% lighter version of the original color is **10199673**, and **3620379** is the 20% darker color. If you saturate the color by 10%, you get **6647357**, and if you desaturate by 10%, it is **6909523**.

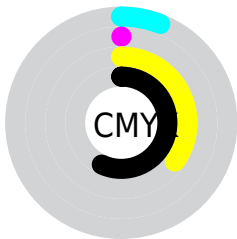
# Distribution



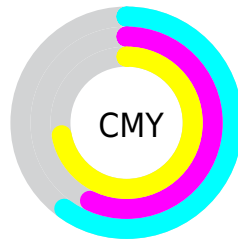
- Red (40%)
- Green (43%)
- Blue (28%)



- Red (28%)
- Yellow (43%)
- Blue (31%)



- Cyan (6%)
- Magenta (0%)
- Yellow (35%)
- Black (57%)



- Cyan (60%)
- Magenta (57%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6778440 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 6778440 by changing the saturation by 10% instead.



6778440

6778440

16777215

5199409

10199673

3620379

11976083

2238723

13752493

201984

15660489

0

16777189

6778440

6778440

6647357

6909523

6516274

7040606

■ 6385191

■ 7171689

■ 6254108

■ 7302772

■ 6123025

■ 7433855

■ 5991942

■ 7564938

■ 5926400

■ 7696021

■ 7827104

■ 7958187

# Harmonies

## Analogous

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



8022085



6778440



5337684

# Triad

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



6778440



3371656



9264494

# Complementary

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



6778440



5195886

# 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.



8347776



6778440



5074319

# Square

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



6778440



2913402



6907788



9395547

# Rectangle

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



6778440



4420704



6907788



9002356



# Sweetspot

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



6778440



9211777



7229256



4605759



13092807



4671303



# Same Dimension

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



6778440



8687444



5533256



3618866



6453248



13301504



# Inverse Universe

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



5195886



6247567



6441070



3420728



1441912



3014903



# Previews

## White Background



This preview shows how the Decimal color 6778440 looks on a white background.

## Color Contrast Check

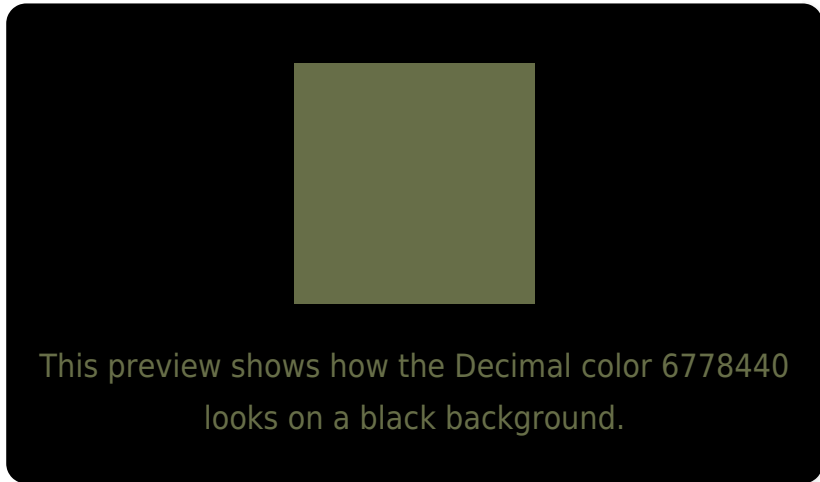
Large Text (above 18pt) WCAG AA ✓ Pass

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 6778440 Background



This preview shows how black text looks on a background with the Decimal color 6778440.



This preview shows how white text looks on a background with the Decimal color 6778440.

# 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**  
6778440

**Protanopia**  
7563846

**Deuteranopia**  
8349258



**Tritanopia**  
7104881

# Trichromacy



**Original Color**  
6778440

**Protanomaly**  
7301959

**Deuteranomaly**  
7760201

**Tritanomaly**  
6974306

# Monochromacy



**Original Color**  
6778440

**Achromatopsia**  
6842472

**Achromatomaly**  
6842972

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6778440 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 #676E48 looks like.

```
.text, #text, p{  
  color:#676E48  
}
```

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 #676E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676E48
}
```

## Border

The CSS property to change the border of an element to Decimal 6778440 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
#676E48 }
```

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

```
.border{ border-color:#676E48 }
```

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

Here you see how a box with a 4 pixel #676E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676E48; -webkit-box-shadow:4px 4px  
4px 4px #676E48; box-shadow:4px 4px 4px  
4px #676E48 }
```

# Background

The CSS property to change the background color of an element to Decimal 6778440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676E48 }
```

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

```
.background{ background-color:#676E48 }
```

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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