

# Converting Colors

Decimal(6778225)

Have a look what the booklet for  
Decimal(6778225) contains.

<b>Decimal(6778225)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6778225)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	676D71
RGB	103, 109, 113
RGB Percent	40%, 43%, 44%
CMY	0.5961, 0.5725, 0.5569
CMYK	0.09, 0.04, 0.00, 0.56
HSL	204°, 5%, 42%
HSV	204°, 9%, 44%
XYZ	14.0428, 15.0131, 17.7805
YIQ	107.6620, -4.8600, -0.0280

# Conversions

## Conversions Part 2

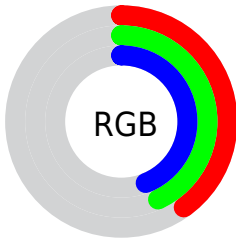
Format	Color
<b>RYB</b>	103, 107, 113
Decimal	6778225
CIELab	45.65, -1.41, -3.02
CIElCh	46, 3.336, 244.905
Yxy	15.0131, 0.2998, 0.3205
Android (android.graphics.Color)	4284968305 (0xFF676D71)
YUV	107.6620, 2.6316, -4.0886
Hunter-Lab	38.7467, -3.1139, -0.0848

# Details

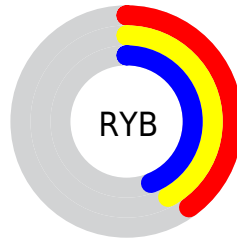
The Decimal color **6778225** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7433063**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10133669**, and **3685953** is the 20% darker color. If you saturate the color by 10%, you get **6056049**, and if you desaturate by 10%, it is **7500401**.

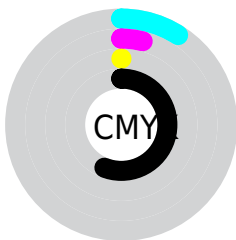
# Distribution



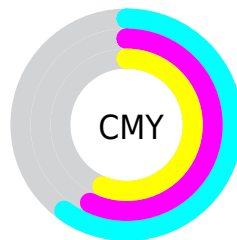
- Red (40%)
- Green (43%)
- Blue (44%)



- Red (40%)
- Yellow (42%)
- Blue (44%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (56%)



- Cyan (60%)
- Magenta (57%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6778225 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 6778225 by changing the saturation by 10% instead.





6778225



6778225

16777215



5199193



10133669



3685953



11910080



2304043



13686748



856855



15594744



0



6778225



6778225



6056049



7500401



5268593



8287857



4546417



9010033

■ 3824497

■ 9731953

■ 3102321

■ 10519665

■ 2314865

■ 11241585

■ 1592689

■ 11963761

■ 870769

■ 12685681

■ 83057

■ 13473393

# Harmonies

## Analogous

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



6712943



6778225



6974578

# Triad

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



6778225



7498348



7040359

# Complementary

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



6778225



7433063

# 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.



7236711



6778225



7498345

# Square

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



6778225



7367534



7433063



6844010

# Rectangle

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



6778225



7105649



7433063



7105895



# Sweetspot

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



6778225



9409172



6779243



4671818



13224393



4868682



# Same Dimension

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



6778225



8686996



6776945



3290680



18552



38135



# Inverse Universe

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



7432045



9733261



7434343



3682870



7864392



16187540



# Previews

## White Background



This preview shows how the Decimal color 6778225 looks on a white background.

## Color Contrast Check

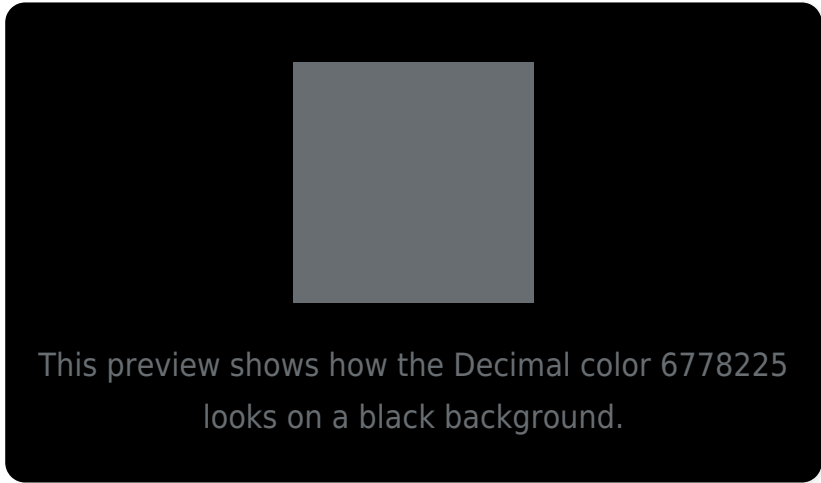
Large Text (above 18pt) WCAG AA ✓ Pass

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

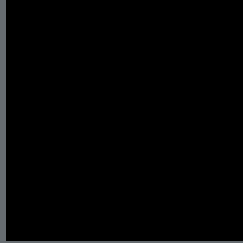
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

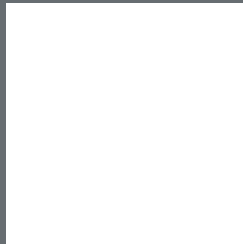
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6778225 Background



This preview shows how black text looks on a background with the Decimal color 6778225.



This preview shows how white text looks on a background with the Decimal color 6778225.

# 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**  
6778225

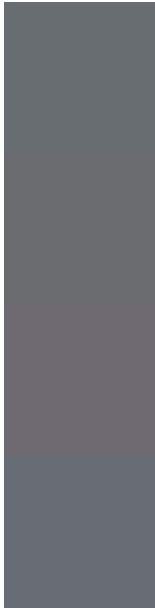
**Protanopia**  
7170928

**Deuteranopia**  
7629170



**Tritanopia**  
6843509

# Trichromacy



**Original Color**

6778225

**Protanomaly**

7040112

**Deuteranomaly**

7301746

**Tritanomaly**

6843508

# Monochromacy



**Original Color**

6778225

**Achromatopsia**

7105644

**Achromatomaly**

6974574

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6778225 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 #676D71 looks like.

```
.text, #text, p{  
    color:#676D71  
}
```

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 #676D71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #676D71
}
```

## Border

The CSS property to change the border of an element to Decimal 6778225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

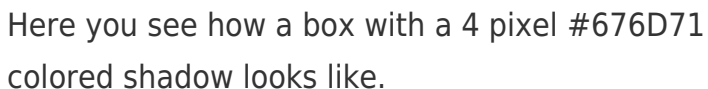
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#676D71 }
```

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

```
.border{ border-color:#676D71 }
```

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



Here you see how a box with a 4 pixel #676D71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #676D71; -webkit-box-shadow:4px 4px  
4px 4px #676D71; box-shadow:4px 4px 4px  
4px #676D71 }
```

# Background

The CSS property to change the background color of an element to Decimal 6778225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#676D71 }
```

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

```
.background{ background-color:#676D71 }
```

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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