

# Converting Colors

Decimal(7170424)

Have a look what the booklet for  
Decimal(7170424) contains.

<b>Decimal(7170424)</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(7170424)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6978
RGB	109, 105, 120
RGB Percent	43%, 41%, 47%
CMY	0.5725, 0.5882, 0.5294
CMYK	0.09, 0.13, 0.00, 0.53
HSL	256°, 7%, 44%
HSV	256°, 13%, 47%
XYZ	14.7484, 14.7104, 19.8314
YIQ	107.9060, -2.4310, 5.5130

# Conversions

## Conversions Part 2

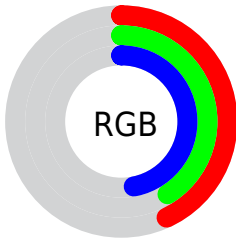
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 105, 120
Decimal	7170424
CIELab	45.24, 4.74, -7.79
CIELCh	45, 9.119, 301.306
Yxy	14.7104, 0.2992, 0.2984
Android (android.graphics.Color)	4285360504 (0xFF6D6978)
YUV	107.9060, 5.9623, 0.9594
Hunter-Lab	38.3542, 1.5192, -3.8085

# Details

The Decimal color **7170424** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7633001**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10591404**, and **4012616** is the 20% darker color. If you saturate the color by 10%, you get **6577528**, and if you desaturate by 10%, it is **7763320**.

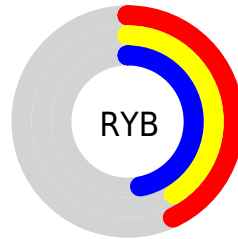
# Distribution



Red (43%)

Green (41%)

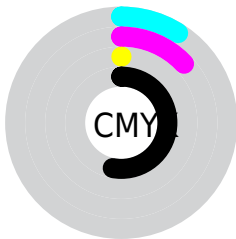
Blue (47%)



Red (43%)

Yellow (41%)

Blue (47%)

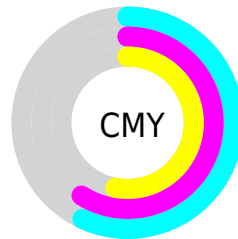


Cyan (9%)

Magenta (13%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (59%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7170424 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 7170424 by changing the saturation by 10% instead.





7170424



7170424

16777215



5591391



10591404



4012616



12367816



2630705



14144484



1249052



16052223



0



7170424



7170424



6577528



7763320



5984632



8356216



5457272



8883576

■ 4864376

■ 9476472

■ 4271480

■ 10069368

■ 3678584

■ 10662264

■ 3085688

■ 11255160

■ 2558328

■ 11782520

■ 2097272

■ 12375416

# Harmonies

## Analogous

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



6515834



7170424



7694194

# Triad

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



7170424



7891038



5927019

# Complementary

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



7170424



7633001

# 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.



6319972



7170424



7433052

# Square

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



7170424



8087139



6843742



5795699

# Rectangle

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



7170424



7956078



6843742



5992296



# Sweetspot

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



7170424



9934236



6911096



5000015



13619151



5197647



# Same Dimension

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



7170424



9077916



7629176



3749693



2162813



4391164



# Inverse Universe

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



7891316



10257557



7108713



4011836



8192092



16515257



# Previews

## White Background



This preview shows how the Decimal color 7170424 looks on a white background.

## Color Contrast Check

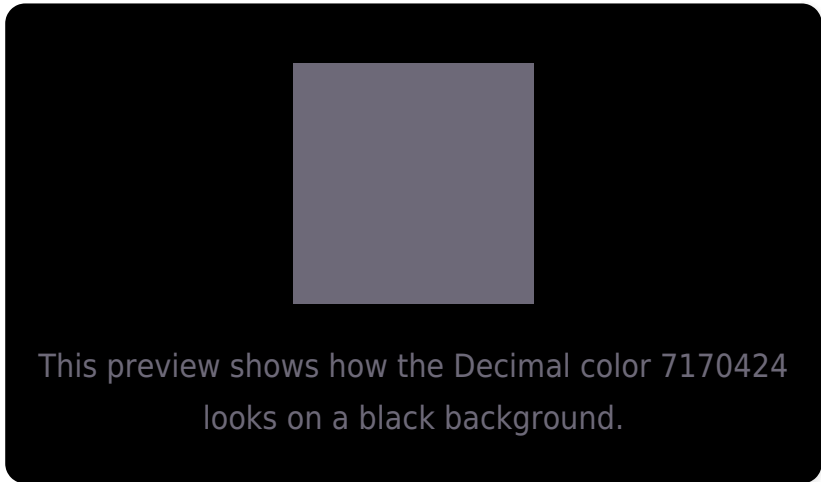
Large Text (above 18pt) WCAG AA ✓ Pass

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

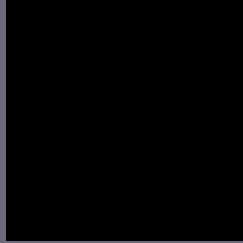
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

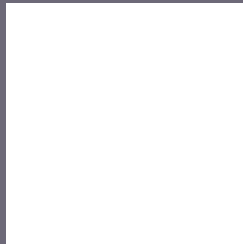
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7170424 Background



This preview shows how black text looks on a background with the Decimal color 7170424.



This preview shows how white text looks on a background with the Decimal color 7170424.

# 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**


7170424

**Protanopia**

6908537

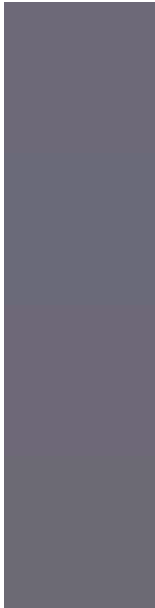
**Deuteranopia**

7301240



**Tritanopia**  
7105138

# Trichromacy



**Original Color**

7170424

**Protanomaly**

6974073

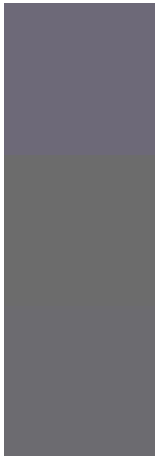
**Deuteranomaly**

7235704

**Tritanomaly**

7105140

# Monochromacy



**Original Color**

7170424

**Achromatopsia**

7105644

**Achromatomaly**

7105392

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7170424 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 #6D6978 looks like.

```
.text, #text, p{  
    color:#6D6978  
}
```

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 #6D6978 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6978
}
```

## Border

The CSS property to change the border of an element to Decimal 7170424 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
#6D6978 }
```

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

```
.border{ border-color:#6D6978 }
```

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

Here you see how a box with a 4 pixel #6D6978 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6978; -webkit-box-shadow:4px 4px  
4px 4px #6D6978; box-shadow:4px 4px 4px  
4px #6D6978 }
```

# Background

The CSS property to change the background color of an element to Decimal 7170424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6978 }
```

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

```
.background{ background-color:#6D6978 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor