

# Converting Colors

Decimal(7170152)

Have a look what the booklet for  
Decimal(7170152) contains.

<b>Decimal(7170152)</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> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# Color

**Decimal(7170152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D6868
RGB	109, 104, 104
RGB Percent	43%, 41%, 41%
CMY	0.5725, 0.5922, 0.5922
CMYK	0.00, 0.05, 0.05, 0.57
HSL	0°, 2%, 42%
HSV	0°, 5%, 43%
XYZ	13.7557, 14.1513, 15.1032
YIQ	105.4950, 2.9800, 1.0600

# Conversions

## Conversions Part 2

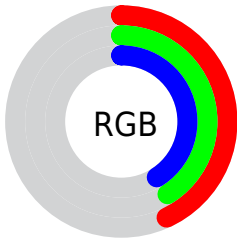
<b>Format</b>	<b>Color</b>
<b>RYB</b>	109, 104, 104
Decimal	7170152
CIELab	44.45, 1.96, 0.69
CIELCh	44, 2.076, 19.497
Yxy	14.1513, 0.3198, 0.3290
Android (android.graphics.Color)	4285360232 (0xFF6D6868)
YUV	105.4950, -0.7370, 3.0739
Hunter-Lab	37.6182, -0.5607, 2.5287

# Details

The Decimal color **7170152** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6843757**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **10525595**, and **4077881** is the 20% darker color. If you saturate the color by 10%, you get **7167325**, and if you desaturate by 10%, it is **7172979**.

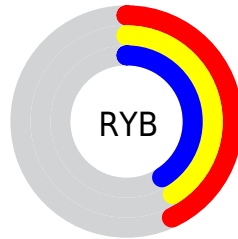
# Distribution



Red (43%)

Green (41%)

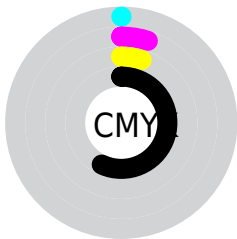
Blue (41%)



Red (43%)

Yellow (41%)

Blue (41%)

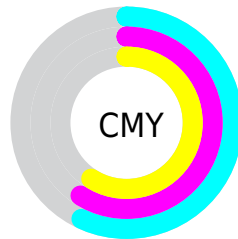


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (57%)



Cyan (57%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7170152 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 7170152 by changing the saturation by 10% instead.





7170152



7170152

16777215



5591120



10525595



4077881



12302006



2630692



14143953



1248782



16051950



0



7170152



7170152



7167325



7172979



7164498



7175806



7161671



7178633

7158844

7181460

7156274

7184287

7153447

7186857

7150620

7189684

7147793

7192511

7144966

7195338

# Harmonies

## Analogous

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



7104618



7170152



7170151

# Triad

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



7170152



6777447



6777196

# Complementary

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



7170152



6843757

# 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.



6646380



7170152



6711912

# Square

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



7170152



6908262



6646378



6908268

# Rectangle

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



7170152



7104870



6646378



6711916



# Sweetspot

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



7170152



9407885



7170157



4671303



13092807

# Same Dimension

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



7170152



9406086



7170920



3551794



7667712



16056320



# Inverse Universe

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



6843757



8818575



6843245



3290678



30069



62965



# Previews

## White Background



This preview shows how the Decimal color 7170152 looks on a white background.

## Color Contrast Check

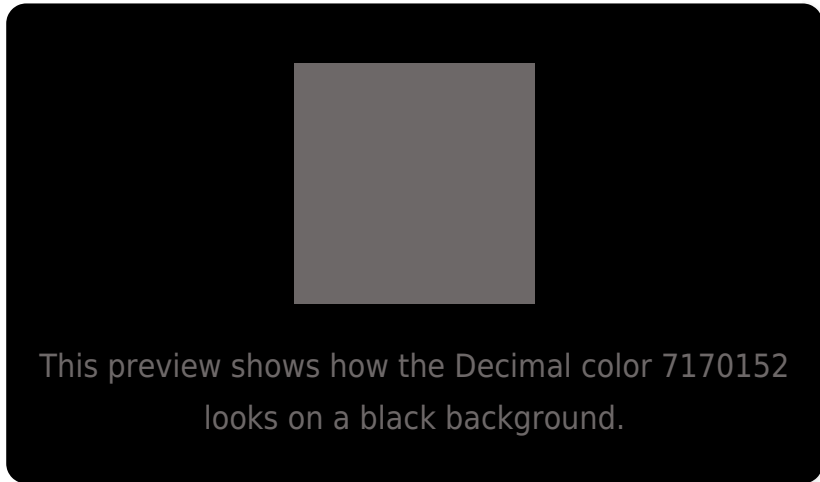
Large Text (above 18pt) WCAG AA ✓ Pass

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

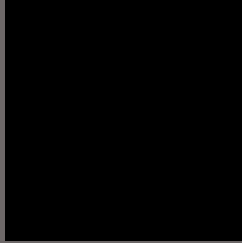
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

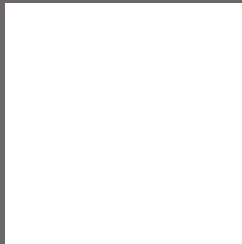
Any Text WCAG AAA × Fail

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

## Decimal 7170152 Background



This preview shows how black text looks on a background with the Decimal color 7170152.



This preview shows how white text looks on a background with the Decimal color 7170152.



# 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**  
7170152

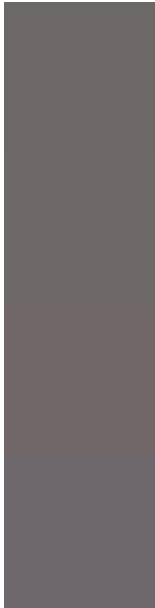
**Protanopia**  
7039336

**Deuteranopia**  
7562856



**Tritanopia**  
7235439

# Trichromacy



**Original Color**

7170152

**Protanomaly**

7104872

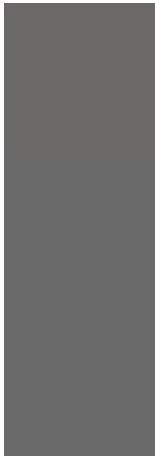
**Deuteranomaly**

7432040

**Tritanomaly**

7235436

# Monochromacy



**Original Color**

7170152

**Achromatopsia**

6908265

**Achromatomaly**

6973801

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7170152 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 #6D6868 looks like.

```
.text, #text, p{  
    color:#6D6868  
}
```

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 #6D6868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6868
}
```

## Border

The CSS property to change the border of an element to Decimal 7170152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

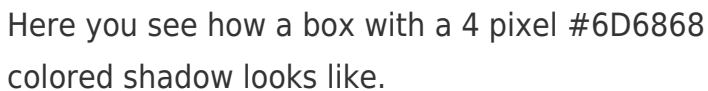
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D6868 }
```

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

```
.border{ border-color:#6D6868 }
```

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



Here you see how a box with a 4 pixel #6D6868 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6868; -webkit-box-shadow:4px 4px  
4px 4px #6D6868; box-shadow:4px 4px 4px  
4px #6D6868 }
```

# Background

The CSS property to change the background color of an element to Decimal 7170152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6868 }
```

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

```
.background{ background-color:#6D6868 }
```

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