

# Converting Colors

Decimal(7166578)

Have a look what the booklet for  
Decimal(7166578) contains.

<b>Decimal(7166578)</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(7166578)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D5A72
RGB	109, 90, 114
RGB Percent	43%, 35%, 45%
CMY	0.5725, 0.6471, 0.5529
CMYK	0.04, 0.21, 0.00, 0.55
HSL	287°, 12%, 40%
HSV	287°, 21%, 45%
XYZ	13.0001, 11.7784, 17.5079
YIQ	98.4170, 3.6200, 11.4920

# Conversions

## Conversions Part 2

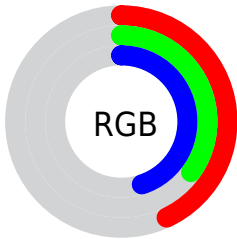
Format	Color
<a href="#">RYB</a>	<a href="#">109, 90, 114</a>
Decimal	<a href="#">7166578</a>
CIELab	<a href="#">40.86, 12.52, -10.72</a>
CIELCh	<a href="#">41, 16.483, 319.437</a>
Yxy	<a href="#">11.7784, 0.3074, 0.2785</a>
Android (android.graphics.Color)	<a href="#">4285356658</a> ( <a href="#">0xFF6D5A72</a> )
YUV	<a href="#">98.4170, 7.6824, 9.2813</a>
Hunter-Lab	<a href="#">34.3197, 7.5551, -6.2224</a>

# Details

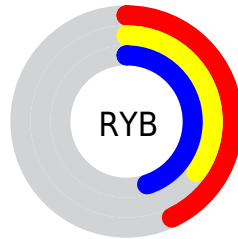
The Decimal color **7166578** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6255194**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **10587302**, and **4009026** is the 20% darker color. If you saturate the color by 10%, you get **7032690**, and if you desaturate by 10%, it is **7300466**.

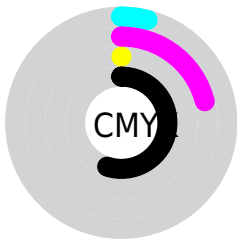
# Distribution



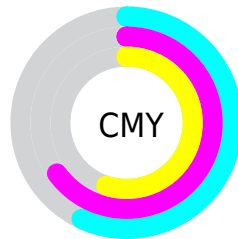
- Red (43%)
- Green (35%)
- Blue (45%)



- Red (43%)
- Yellow (35%)
- Blue (45%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (65%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7166578 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 7166578 by changing the saturation by 10% instead.



7166578

7166578

16777215

5587545

10587302

4009026

12363713

2561836

14205661

1310744

16047865

0

16775935

7166578

7166578

7032690

7300466

6833010

7500146

6699122

7634034

6499442

7833714

6365554

7967602

6231666

8101490

6031986

8301170

5898354

8435058

8569202

# Harmonies

## Analogous

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



6053754



7166578



7886694

# Triad

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



7166578



7298630



3827817

# Complementary

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



7166578



6255194

# 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.



4417627



7166578



6382151

# Square

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



7166578



7887436



5400142



3958388

# Rectangle

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



7166578



8148828



5400142



3958884



# Sweetspot

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



7166578



9603988



5922674



4801866



13224393



4868682



# Same Dimension

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



7166578



9203604



7494251



3617336



6226040



12845303



# Inverse Universe

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



7494239



9727863



5927521



3682868



7864345



16187444



# Previews

## White Background



This preview shows how the Decimal color 7166578 looks on a white background.

## Color Contrast Check

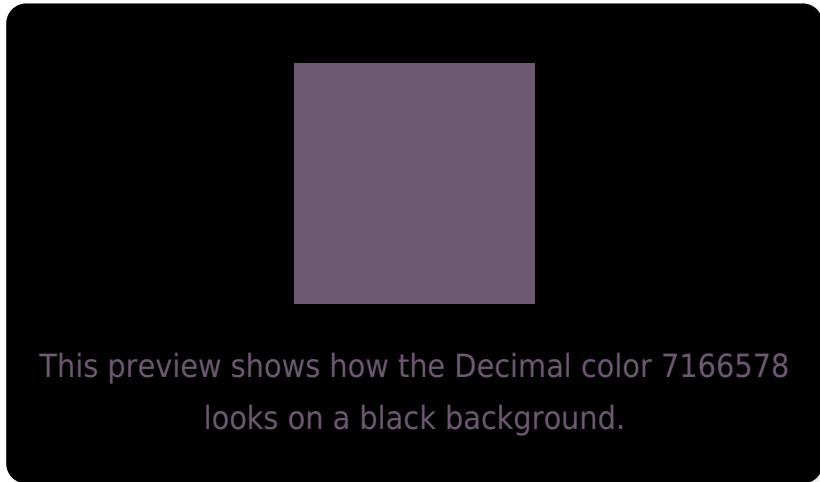
Large Text (above 18pt) WCAG AA ✓ Pass

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

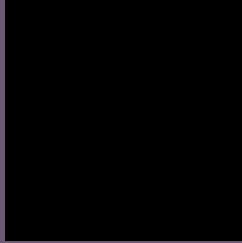
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7166578 Background



This preview shows how black text looks on a background with the Decimal color 7166578.



This preview shows how white text looks on a background with the Decimal color 7166578.

# 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**  
7166578

**Protanopia**  
5988470

**Deuteranopia**  
6446705



**Tritanopia**  
7036260

# Trichromacy



**Original Color**

7166578

**Protanomaly**

6446709

**Deuteranomaly**

6708593

**Tritanomaly**

7101545

# Monochromacy



**Original Color**

7166578

**Achromatopsia**

6447714

**Achromatomaly**

6709096

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7166578 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 #6D5A72 looks like.

```
.text, #text, p{  
  color:#6D5A72  
}
```

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 #6D5A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D5A72
}
```

## Border

The CSS property to change the border of an element to Decimal 7166578 is called "border". The border property can be set on classes, ids or directly on the HTML element.

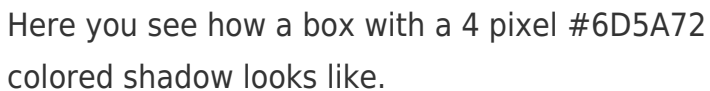
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D5A72 }
```

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

```
.border{ border-color:#6D5A72 }
```

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



Here you see how a box with a 4 pixel #6D5A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D5A72; -webkit-box-shadow:4px 4px  
4px 4px #6D5A72; box-shadow:4px 4px 4px  
4px #6D5A72 }
```

# Background

The CSS property to change the background color of an element to Decimal 7166578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D5A72 }
```

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

```
.background{ background-color:#6D5A72 }
```

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