

# Converting Colors

Decimal(7042441)

Have a look what the booklet for  
Decimal(7042441) contains.

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# Color

**Decimal(7042441)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7589
RGB	107, 117, 137
RGB Percent	42%, 46%, 54%
CMY	0.5804, 0.5412, 0.4627
CMYK	0.22, 0.15, 0.00, 0.46
HSL	220°, 12%, 48%
HSV	220°, 22%, 54%
XYZ	16.9401, 17.6545, 26.1817
YIQ	116.2900, -12.3800, 4.1000

# Conversions

## Conversions Part 2

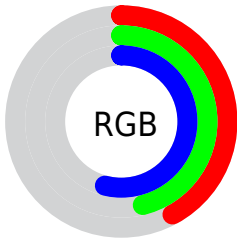
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 115, 137
Decimal	7042441
CIE Lab	49.07, 0.89, -12.17
CIE LCh	49, 12.203, 274.175
Yxy	17.6545, 0.2787, 0.2905
Android (android.graphics.Color)	4285232521 (0xFF6B7589)
YUV	116.2900, 10.2100, -8.1473
Hunter-Lab	42.0173, -1.5646, -7.5326

# Details

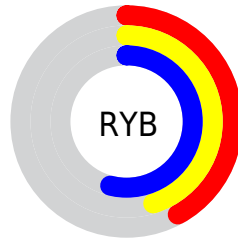
The Decimal color **7042441** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9011051**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **10463678**, and **3884375** is the 20% darker color. If you saturate the color by 10%, you get **6122633**, and if you desaturate by 10%, it is **7962249**.

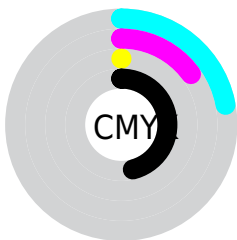
# Distribution



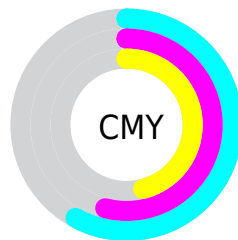
- Red (42%)
- Green (46%)
- Blue (54%)



- Red (42%)
- Yellow (45%)
- Blue (54%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (46%)



- Cyan (58%)
- Magenta (54%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7042441 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 7042441 by changing the saturation by 10% instead.





7042441



7042441

16777215



5397616



10463678



3884375



12240090



2436928



14082295



989738



15924735



278



0



7042441



7042441



6122633



7962249



5268361



8816521

■ 4348553

■ 9736329

■ 3428489

■ 10656393

■ 2574217

■ 11576201

■ 1654409

■ 12430473

■ 734601

■ 13350281

■ 11913

■ 14270089

■ 15124361

# Harmonies

## Analogous

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



6256775



7042441



7893638

# Triad

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



7042441



9072233



6584939

# Complementary

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



7042441



9011051

# 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.



7370851



7042441



8745314

# Square

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



7042441



9071987



8090720



6060918

# Rectangle

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



7042441



8417153



8090720



6846824



# Sweetspot

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



7042441



10922675



7047551



5395545



14277081



5855577



# Same Dimension

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



7042441



8688819



7367561



4079685



11397



517



# Inverse Universe

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



9005941



11764884



8685931



4537920



8716332



327682



# Previews

## White Background



This preview shows how the Decimal color 7042441 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



This preview shows how the Decimal color 7042441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

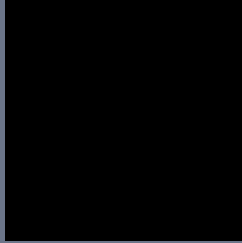
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

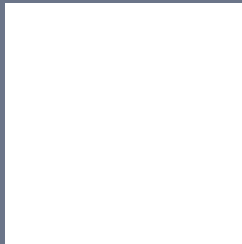
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7042441 Background



This preview shows how black text looks on a background with the Decimal color 7042441.



This preview shows how white text looks on a background with the Decimal color 7042441.

# 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**

7042441

**Protanopia**

7435144

**Deuteranopia**

7697034



**Tritanopia**  
6911872

# Trichromacy



**Original Color**

7042441

**Protanomaly**

7304328

**Deuteranomaly**

7435146

**Tritanomaly**

6977155

# Monochromacy



**Original Color**

7042441

**Achromatopsia**

7631988

**Achromatomaly**

7435388

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7042441 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 #6B7589 looks like.

```
.text, #text, p{  
    color:#6B7589  
}
```

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 #6B7589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7589
}
```

## Border

The CSS property to change the border of an element to Decimal 7042441 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
#6B7589 }
```

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

```
.border{ border-color:#6B7589 }
```

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

Here you see how a box with a 4 pixel #6B7589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7589; -webkit-box-shadow:4px 4px  
4px 4px #6B7589; box-shadow:4px 4px 4px  
4px #6B7589 }
```

# Background

The CSS property to change the background color of an element to Decimal 7042441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7589 }
```

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

```
.background{ background-color:#6B7589 }
```

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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