

# Converting Colors

Decimal(6713720)

Have a look what the booklet for  
Decimal(6713720) contains.

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# Color

**Decimal(6713720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	667178
RGB	102, 113, 120
RGB Percent	40%, 44%, 47%
CMY	0.6000, 0.5569, 0.5294
CMYK	0.15, 0.06, 0.00, 0.53
HSL	203°, 8%, 44%
HSV	203°, 15%, 47%
XYZ	14.7748, 15.9911, 20.0772
YIQ	110.5090, -8.8030, -0.1550

# Conversions

## Conversions Part 2

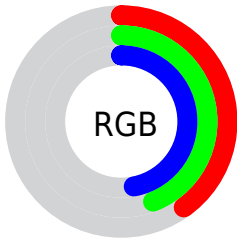
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 109, 120
Decimal	6713720
CIE <sub>Lab</sub>	46.96, -2.55, -5.28
CIE <sub>LCh</sub>	47, 5.862, 244.224
Yxy	15.9911, 0.2906, 0.3145
Android (android.graphics.Color)	4284903800 (0xFF667178)
YUV	110.5090, 4.6791, -7.4624
Hunter-Lab	39.9889, -4.0297, -1.7755

# Details

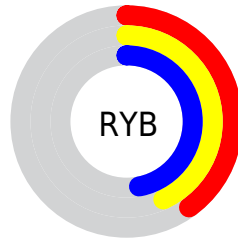
The Decimal color **6713720** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7892326**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **10069420**, and **3621192** is the 20% darker color. If you saturate the color by 10%, you get **5926008**, and if you desaturate by 10%, it is **7501432**.

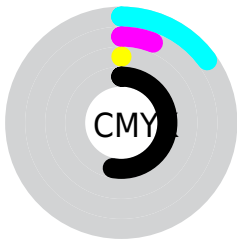
# Distribution



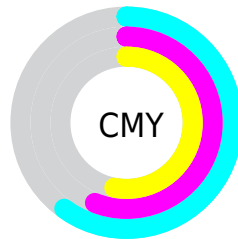
- Red (40%)
- Green (44%)
- Blue (47%)



- Red (40%)
- Yellow (43%)
- Blue (47%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (56%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6713720 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 6713720 by changing the saturation by 10% instead.





6713720



6713720

16777215



5134687



10069420



3621192



11845832



2173745



13688036



792348



15530239



0



6713720



6713720



5926008



7501432



5138552



8288888



4350840



9076600

■ 3563128

■ 9864312

■ 2775672

■ 10651768

■ 1987960

■ 11439480

■ 1200248

■ 12227192

■ 412792

■ 13014648

■ 18808

■ 13802360

# Harmonies

## Analogous

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



6517365



6713720



7040889

# Triad

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



6713720



8023151



7172455

# Complementary

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



6713720



7892326

# 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.



7565158



6713720



8023146

# Square

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



6713720



7826804



7827047



6845035

# Rectangle

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



6713720



7302776



7827047



7303270



# Sweetspot

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



6713720



9738652



6715501



4869455



13619151



5197647



# Same Dimension

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



6713720



8425884



6711416



3619645



19581



39676



# Inverse Universe

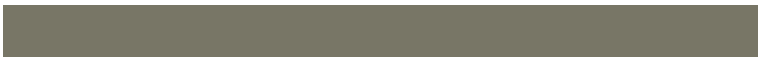
The Inverse Universe completely reimagines the original color for something new.



7890545



10256529



7894630



4011835



8192076



16515226



# Previews

## White Background



This preview shows how the Decimal color 6713720 looks on a white background.

## Color Contrast Check

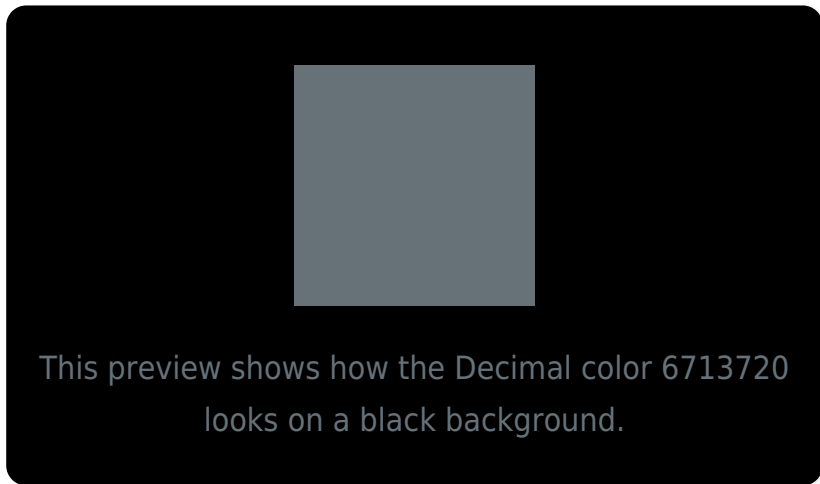
Large Text (above 18pt) WCAG AA ✓ Pass

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

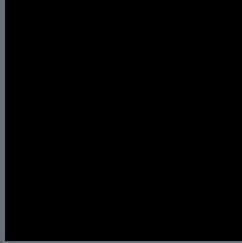
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

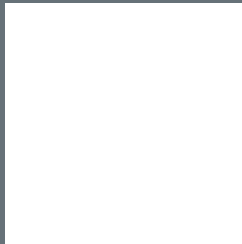
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6713720 Background



This preview shows how black text looks on a background with the Decimal color 6713720.



This preview shows how white text looks on a background with the Decimal color 6713720.

# 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**  
6713720

**Protanopia**  
7302774

**Deuteranopia**  
7695481



# Trichromacy



**Original Color**

6713720

**Protanomaly**

7106423

**Deuteranomaly**

7368313

**Tritanomaly**

6713721

# Monochromacy



**Original Color**

6713720

**Achromatopsia**

7303023

**Achromatomaly**

7106674

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6713720 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 #667178 looks like.

```
.text, #text, p{  
    color:#667178  
}
```

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 #667178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667178
}
```

## Border

The CSS property to change the border of an element to Decimal 6713720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

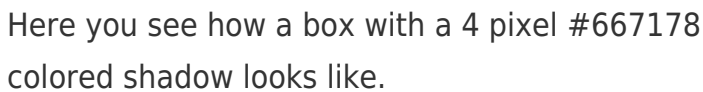
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#667178 }
```

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

```
.border{ border-color:#667178 }
```

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



Here you see how a box with a 4 pixel #667178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667178; -webkit-box-shadow:4px 4px  
4px 4px #667178; box-shadow:4px 4px 4px  
4px #667178 }
```

# Background

The CSS property to change the background color of an element to Hexadecimal #667178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667178 }
```

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

```
.background{ background-color:#667178 }
```

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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