

# Converting Colors

Decimal(7042711)

Have a look what the booklet for  
Decimal(7042711) contains.

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# Color

**Decimal(7042711)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B7697
RGB	107, 118, 151
RGB Percent	42%, 46%, 59%
CMY	0.5804, 0.5373, 0.4078
CMYK	0.29, 0.22, 0.00, 0.41
HSL	225°, 17%, 51%
HSV	225°, 29%, 59%
XYZ	18.1278, 18.3170, 31.8583
YIQ	118.4730, -17.1490, 7.9310

# Conversions

## Conversions Part 2

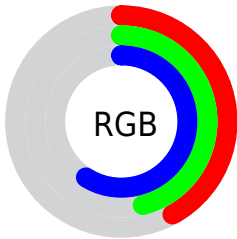
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 116, 151
Decimal	7042711
CIE <sub>Lab</sub>	49.88, 3.85, -19.19
CIE <sub>LCh</sub>	50, 19.574, 281.346
Yxy	18.3170, 0.2654, 0.2682
Android (android.graphics.Color)	4285232791 (0xFF6B7697)
YUV	118.4730, 16.0358, -10.0618
Hunter-Lab	42.7984, 0.7085, -14.1754

# Details

The Decimal color **7042711** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9931883**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **10463949**, and **3819108** is the 20% darker color. If you saturate the color by 10%, you get **6056855**, and if you desaturate by 10%, it is **8028567**.

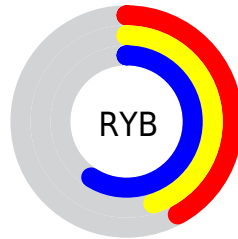
# Distribution



Red (42%)

Green (46%)

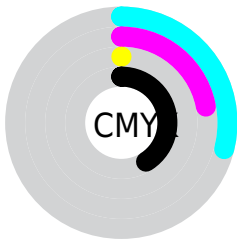
Blue (59%)



Red (42%)

Yellow (45%)

Blue (59%)

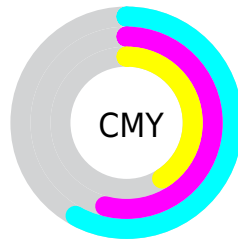


Cyan (29%)

Magenta (22%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (54%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7042711 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 7042711 by changing the saturation by 10% instead.



■ 7042711

■ 7042711

16777215

■ 5397885

■ 10463949

■ 3819108

■ 12305898

■ 2306124

■ 14082559

■ 662325

■ 15990527

■ 32

■ 4

■ 0

■ 7042711

■ 7042711

■ 6056855

■ 8028567

■ 5070743

■ 9014679

■ 4084887

■ 10000535

■ 3099031

■ 10986391

■ 2112919

■ 12038039

■ 1061527

■ 13023895

■ 75671

■ 14009751

■ 9879

■ 14995863

■ 15981719

# Harmonies

## Analogous

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



5536662



7042711



8482960

# Triad

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



7042711



9858401



5734251

# Complementary

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



7042711



9931883

# 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.



6978653



7042711



9204312

# Square

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



7042711



9988977



8157270



4817021

# Rectangle

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



7042711



9268615



8157270



6127206

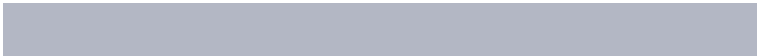


# Sweetspot

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



7042711



11777988



7051148



5856099



14935011



6513507



# Same Dimension

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



7042711



8425924



7760791



4540237



9100



781



# Inverse Universe

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



9923446



12877969



9213803



5064007



9175075



851971



# Previews

## White Background



This preview shows how the Decimal color 7042711 looks on a white background.

## Color Contrast Check

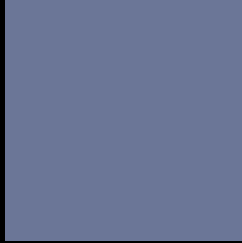
Large Text (above 18pt) WCAG AA ✓ Pass

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 7042711 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

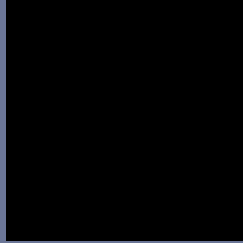
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

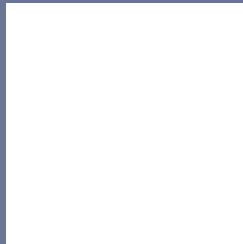
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7042711 Background



This preview shows how black text looks on a background with the Decimal color 7042711.

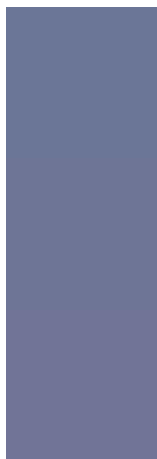


This preview shows how white text looks on a background with the Decimal color 7042711.

# 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**

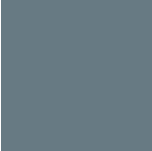
7042711

**Protanopia**

7239062

**Deuteranopia**

7435415



**Tritanopia**  
6781571

# Trichromacy



**Original Color**

7042711

**Protanomaly**

7173526

**Deuteranomaly**

7304599

**Tritanomaly**

6846858

# Monochromacy



**Original Color**

7042711

**Achromatopsia**

7763574

**Achromatomaly**

7501442

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7042711 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 #6B7697 looks like.

```
.text, #text, p{  
    color:#6B7697  
}
```

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 #6B7697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7697
}
```

## Border

The CSS property to change the border of an element to Decimal 7042711 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
#6B7697 }
```

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

```
.border{ border-color:#6B7697 }
```

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

Here you see how a box with a 4 pixel #6B7697 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7697; -webkit-box-shadow:4px 4px  
4px 4px #6B7697; box-shadow:4px 4px 4px  
4px #6B7697 }
```

# Background

The CSS property to change the background color of an element to Decimal 7042711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7697 }
```

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

```
.background{ background-color:#6B7697 }
```

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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