

Converting Colors

Decimal(7042738)

Have a look what the booklet for
Decimal(7042738) contains.

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Color

Decimal(7042738)

Conversions

Conversions Part 1

Format	Color
Hex	6B76B2
RGB	107, 118, 178
RGB Percent	42%, 46%, 70%
CMY	0.5804, 0.5373, 0.3020
CMYK	0.40, 0.34, 0.00, 0.30
HSL	231°, 32%, 56%
HSV	231°, 40%, 70%
XYZ	20.5777, 19.2970, 44.7596
YIQ	121.5510, -25.8160, 16.3280

Conversions

Conversions Part 2

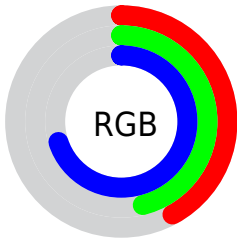
Format	Color
R_{YB}	107, 117, 178
Decimal	7042738
CIE _{Lab}	51.03, 11.30, -33.14
CIE _{LCh}	51, 35.008, 288.825
Yxy	19.2970, 0.2431, 0.2280
Android (android.graphics.Color)	4285232818 (0xFF6B76B2)
YUV	121.5510, 27.8294, -12.7612
Hunter-Lab	43.9284, 6.7415, -29.6621

Details

The Decimal color **7042738** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11708267**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10595050**, and **3622525** is the 20% darker color. If you saturate the color by 10%, you get **5859250**, and if you desaturate by 10%, it is **8226226**.

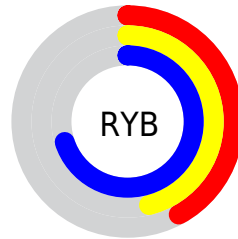
Distribution



Red (42%)

Green (46%)

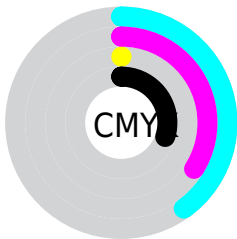
Blue (70%)



Red (42%)

Yellow (46%)

Blue (70%)

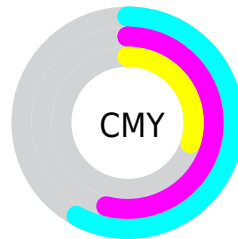


Cyan (40%)

Magenta (34%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (54%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7042738 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 7042738 by changing the saturation by 10% instead.

■ 7042738

■ 7042738

16777215

■ 5332375

■ 10595050

■ 3622525

■ 12436991

■ 1781860

■ 14279167

■ 6987

■ 16187135

■ 53

■ 542

■ 1

■ 0

■ 7042738

■ 7042738

■ 5859250

■ 8226226

■ 4675762

■ 9409714

■ 3557810

■ 10527666

■ 2374322

■ 11711154

■ 1190834

■ 12894642

■ 7346

■ 14078130

■ 15261618

■ 16379570

■ 16776626

Harmonies

Analogous

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



3113140



7042738



9726881

Triad

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



7042738



11168078



2721901

Complementary

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



7042738



11708267

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.



5735761



7042738



9860158

Square

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



7042738



11756136



7962175



35212

Rectangle

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



7042738



10904976



7962175



3901283

Sweetspot

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



7042738



13423080



7058086



6645621



16119285



7697781

Same Dimension

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



7042738



7965416



8612786



5263961



6297



1050

Inverse Universe

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



11692918



15235466



10138219



5853266



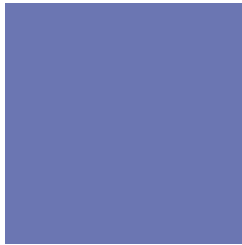
10027032



1703940

Previews

White Background



This preview shows how the Decimal color 7042738 looks on a white background.

Color Contrast Check

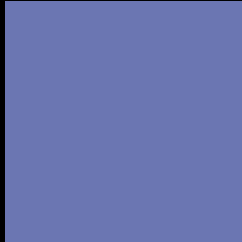
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Decimal color 7042738 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 7042738 Background



This preview shows how black text looks on a background with the Decimal color 7042738.

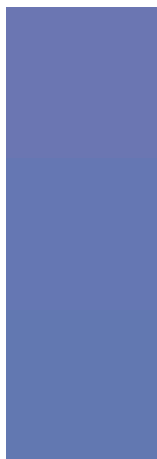


This preview shows how white text looks on a background with the Decimal color 7042738.

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


7042738

Protanopia

6649779

Deuteranopia

6453425



Tritanopia
6389384

Trichromacy



Original Color
7042738

Protanomaly
6780851

Deuteranomaly
6649777

Tritanomaly
6650775

Monochromacy



Original Color
7042738

Achromatopsia
8026746

Achromatomaly
7698830

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7042738 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 #6B76B2 looks like.

```
.text, #text, p{  
    color:#6B76B2  
}
```

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 #6B76B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B76B2
}
```

Border

The CSS property to change the border of an element to Decimal 7042738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

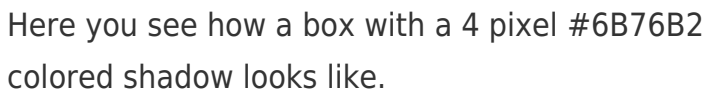
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B76B2 }
```

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

```
.border{ border-color:#6B76B2 }
```

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



Here you see how a box with a 4 pixel #6B76B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B76B2; -webkit-box-shadow:4px 4px  
4px 4px #6B76B2; box-shadow:4px 4px 4px  
4px #6B76B2 }
```

Background

The CSS property to change the background color of an element to Decimal 7042738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B76B2 }
```

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

```
.background{ background-color:#6B76B2 }
```

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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