

Converting Colors

Decimal(7041718)

Have a look what the booklet for
Decimal(7041718) contains.

Decimal(7041718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7041718)

Conversions

Conversions Part 1

Format	Color
Hex	6B72B6
RGB	107, 114, 182
RGB Percent	42%, 45%, 71%
CMY	0.5804, 0.5529, 0.2863
CMYK	0.41, 0.37, 0.00, 0.29
HSL	234°, 34%, 57%
HSV	234°, 41%, 71%
XYZ	20.5242, 18.5378, 46.7524
YIQ	119.6590, -26.0000, 19.6640

Conversions

Conversions Part 2

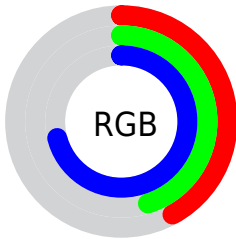
Format	Color
R_{YB}	107, 113, 182
Decimal	7041718
CIE _{Lab}	50.14, 14.88, -36.85
CIE _{LCh}	50, 39.736, 291.985
Yxy	18.5378, 0.2392, 0.2160
Android (android.graphics.Color)	4285231798 (0xFF6B72B6)
YUV	119.6590, 30.7341, -11.1019
Hunter-Lab	43.0556, 9.7421, -34.2418

Details

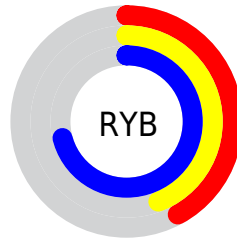
The Decimal color **7041718** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11972459**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **10594030**, and **3555969** is the 20% darker color. If you saturate the color by 10%, you get **5857718**, and if you desaturate by 10%, it is **8225718**.

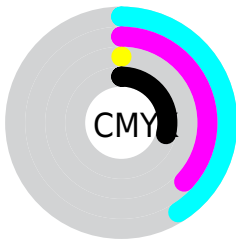
Distribution



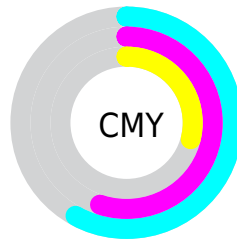
- Red (42%)
- Green (45%)
- Blue (71%)



- Red (42%)
- Yellow (44%)
- Blue (71%)



- Cyan (41%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



- Cyan (58%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7041718 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 7041718 by changing the saturation by 10% instead.

■ 7041718

■ 7041718

16777215

■ 5331611

■ 10594030

■ 3555969

■ 12435967

■ 1649767

■ 14343679

■ 6223

■ 16251391

■ 56

■ 545

■ 6

■ 0

■ 7041718

■ 7041718

■ 5857718

■ 8225718

■ 4673974

■ 9409462

■ 3424438

■ 10658998

■ 2240694

■ 11842742

■ 1056694

■ 13026742

■ 4534

■ 14210486

■ 15394486

■ 16643766

■ 16777142

Harmonies

Analogous

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



1539770



7041718



9987489

Triad

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



7041718



11232835



34925

Complementary

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



7041718



11972459

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.



4883532



7041718



9663027

Square

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



7041718



12016736



7568694



34960

Rectangle

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



7041718



11230861



7568694



2262881

Sweetspot

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



7041718



13751277



7059119



6777208



16250871



7895160

Same Dimension

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



7041718



7963885



9006006



5460828



3996



796

Inverse Universe

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



11955058



15563140



10008171



6050643



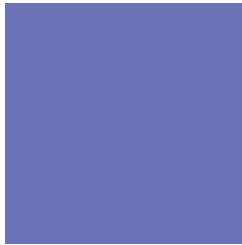
10223631



1835011

Previews

White Background



This preview shows how the Decimal color 7041718 looks on a white background.

Color Contrast Check

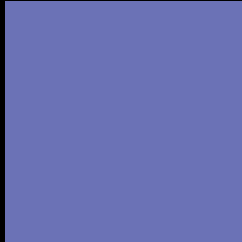
Large Text (above 18pt) WCAG AA ✓ Pass

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 7041718 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 7041718 Background



This preview shows how black text looks on a background with the Decimal color 7041718.

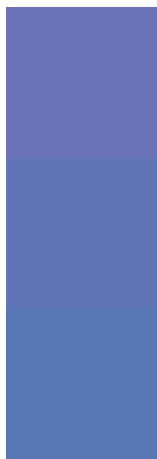


This preview shows how white text looks on a background with the Decimal color 7041718.

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
7041718

Protanopia
6256056

Deuteranopia
5863349



Tritanopia
6257798

Trichromacy



Original Color
7041718

Protanomaly
6517943

Deuteranomaly
6321589

Tritanomaly
6518935

Monochromacy



Original Color
7041718

Achromatopsia
7895160

Achromatomaly
7566991

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7041718 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 #6B72B6 looks like.

```
.text, #text, p{  
    color:#6B72B6  
}
```

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 #6B72B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B72B6
}
```

Border

The CSS property to change the border of an element to Decimal 7041718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

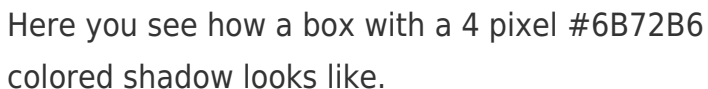
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B72B6 }
```

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

```
.border{ border-color:#6B72B6 }
```

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



Here you see how a box with a 4 pixel #6B72B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B72B6; -webkit-box-shadow:4px 4px  
4px 4px #6B72B6; box-shadow:4px 4px 4px  
4px #6B72B6 }
```

Background

The CSS property to change the background color of an element to Decimal 7041718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B72B6 }
```

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

```
.background{ background-color:#6B72B6 }
```

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