

Converting Colors

Decimal(7041670)

Have a look what the booklet for
Decimal(7041670) contains.

Decimal(7041670)	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(7041670)

Conversions

Conversions Part 1

Format	Color
Hex	6B7286
RGB	107, 114, 134
RGB Percent	42%, 45%, 53%
CMY	0.5804, 0.5529, 0.4745
CMYK	0.20, 0.15, 0.00, 0.47
HSL	224°, 11%, 47%
HSV	224°, 20%, 53%
XYZ	16.3838, 16.8817, 24.9492
YIQ	114.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

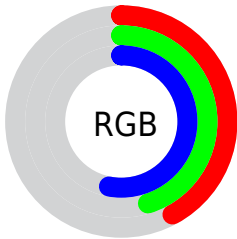
Format	Color
RYB	107, 113, 134
Decimal	7041670
CIELab	48.11, 1.93, -11.85
CIELCh	48, 12.006, 279.244
Yxy	16.8817, 0.2814, 0.2900
Android (android.graphics.Color)	4285231750 (0xFF6B7286)
YUV	114.1870, 9.7678, -6.3030
Hunter-Lab	41.0873, -0.7249, -7.2413

Details

The Decimal color **7041670** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8814443**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **10462907**, and **3883604** is the 20% darker color. If you saturate the color by 10%, you get **6187142**, and if you desaturate by 10%, it is **7896198**.

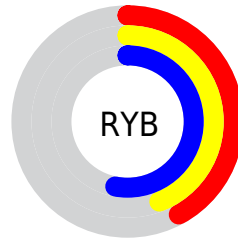
Distribution



Red (42%)

Green (45%)

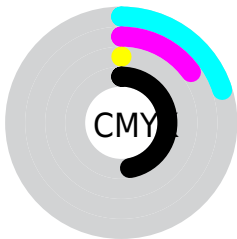
Blue (53%)



Red (42%)

Yellow (44%)

Blue (53%)

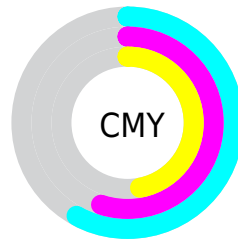


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7041670 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 7041670 by changing the saturation by 10% instead.

■ 7041670

■ 7041670

16777215

■ 5462637

■ 10462907

■ 3883604

■ 12239319

■ 2436157

■ 14015987

■ 1054759

■ 15923711

■ 275

■ 0

■ 7041670

■ 7041670

■ 6187142

■ 7896198

■ 5267078

■ 8816262

■ 4412550

■ 9670790

■ 3492486

■ 10590854

■ 2637958

■ 11445382

■ 1783430

■ 12299910

■ 863622

■ 13219718

■ 9094

■ 14074246

■ 14994310

Harmonies

Analogous

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



6256005



7041670



7892866

Triad

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



7041670



8875110



6322283

Complementary

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



7041670



8814443

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.



7042658



7041670



8482656

Square

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



7041670



8874863



7828318



5863541

Rectangle

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



7041670



8351101



7828318



6584168

Sweetspot

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



7041670



10725037



7046783



5329495



14079702



5723991

Same Dimension

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



7041670



8687533



7433094



3947842



8834



259

Inverse Universe

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



8809330



11371663



8423019



4340797



8519714



196609

Previews

White Background



This preview shows how the Decimal color 7041670 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 7041670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

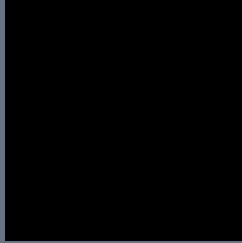
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

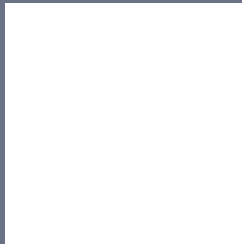
Any Text WCAG AAA × Fail

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

Decimal 7041670 Background



This preview shows how black text looks on a background with the Decimal color 7041670.

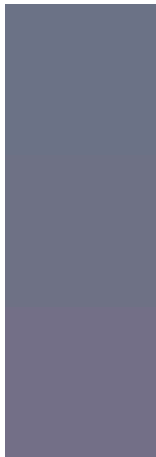


This preview shows how white text looks on a background with the Decimal color 7041670.

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
7041670

Protanopia
7238021

Deuteranopia
7565191



Tritanopia
6911101

Trichromacy



Original Color

7041670

Protanomaly

7172485

Deuteranomaly

7368839

Tritanomaly

6976384

Monochromacy



Original Color

7041670

Achromatopsia

7500402

Achromatomaly

7303801

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7041670 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 #6B7286 looks like.

```
.text, #text, p{  
  color:#6B7286  
}
```

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 #6B7286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B7286
}
```

Border

The CSS property to change the border of an element to Decimal 7041670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

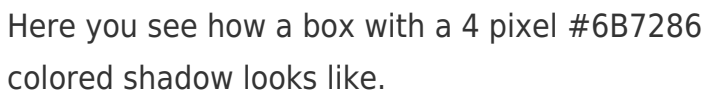
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B7286 }
```

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

```
.border{ border-color:#6B7286 }
```

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



Here you see how a box with a 4 pixel #6B7286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B7286; -webkit-box-shadow:4px 4px  
4px 4px #6B7286; box-shadow:4px 4px 4px  
4px #6B7286 }
```

Background

The CSS property to change the background color of an element to Decimal 7041670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B7286 }
```

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

```
.background{ background-color:#6B7286 }
```

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