

Converting Colors

Decimal(6841712)

Have a look what the booklet for
Decimal(6841712) contains.

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Color

Decimal(6841712)

Conversions

Conversions Part 1

Format	Color
Hex	686570
RGB	104, 101, 112
RGB Percent	41%, 40%, 44%
CMY	0.5922, 0.6039, 0.5608
CMYK	0.07, 0.10, 0.00, 0.56
HSL	256°, 5%, 42%
HSV	256°, 10%, 44%
XYZ	13.2872, 13.4203, 17.2193
YIQ	103.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

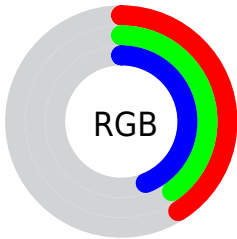
Format	Color
R_{YB}	104, 101, 112
Decimal	6841712
CIE _{Lab}	43.39, 3.51, -5.76
CIE _{LCh}	43, 6.744, 301.348
Yxy	13.4203, 0.3025, 0.3055
Android (android.graphics.Color)	4285031792 (0xFF686570)
YUV	103.1510, 4.3626, 0.7446
Hunter-Lab	36.6337, 0.6339, -2.2251

Details

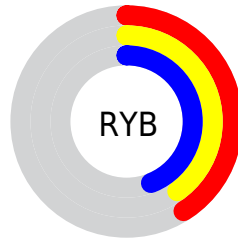
The Decimal color **6841712** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7172197**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **10197156**, and **3749440** is the 20% darker color. If you saturate the color by 10%, you get **6314608**, and if you desaturate by 10%, it is **7368816**.

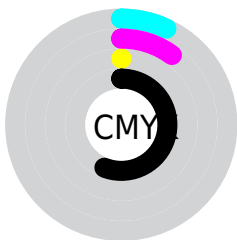
Distribution



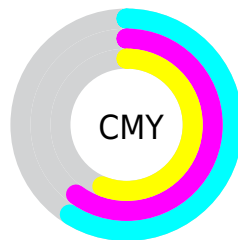
- Red (41%)
- Green (40%)
- Blue (44%)



- Red (41%)
- Yellow (40%)
- Blue (44%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (56%)



- Cyan (59%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6841712 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 6841712 by changing the saturation by 10% instead.



6841712



6841712

16777215



5262680



10197156



3749440



11973567



2302250



13815515



920086



15657719



0



6841712



6841712



6314608



7368816



5787504



7895920



5260144



8423280

■ 4667504

■ 9015920

■ 4140400

■ 9543024

■ 3613296

■ 10070128

■ 3086192

■ 10597232

■ 2558832

■ 11124592

■ 2031728

■ 11651696

Harmonies

Analogous

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



6383474



6841712



7234412

Triad

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



6841712



7365725



5925479

Complementary

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



6841712



7172197

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.



6187361



6841712



7038555

Square

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



6841712



7562081



6645853



5859948

Rectangle

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



6841712



7431016



6645853



5991013

Sweetspot

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



6841712



9342353



6647152



4736842



13224393



4868682

Same Dimension

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



6841712



8749201



7169392



3420728



2162808



4391159

Inverse Universe

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



7365997



9535629



6844517



3682871



7864407



16187572

Previews

White Background



This preview shows how the Decimal color 6841712 looks on a white background.

Color Contrast Check

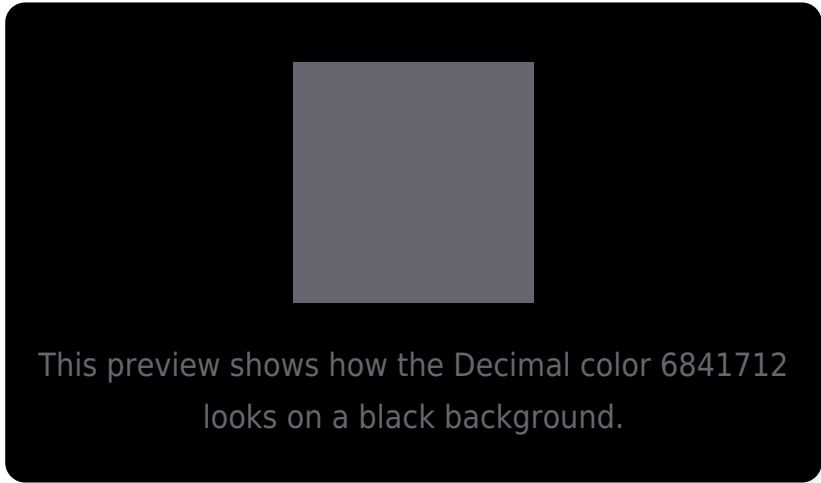
Large Text (above 18pt) WCAG AA ✓ Pass

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

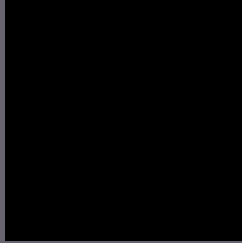
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

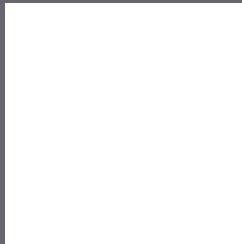
Any Text WCAG AAA × Fail

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

Decimal 6841712 Background



This preview shows how black text looks on a background with the Decimal color 6841712.

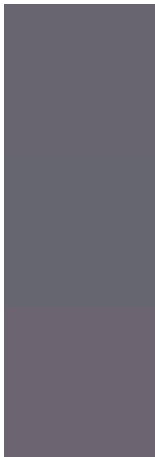


This preview shows how white text looks on a background with the Decimal color 6841712.

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
6841712

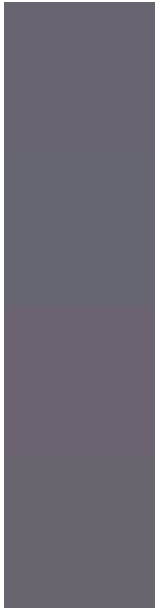
Protanopia
6645360

Deuteranopia
7103600



Tritanopia
6841709

Trichromacy



Original Color

6841712

Protanomaly

6710896

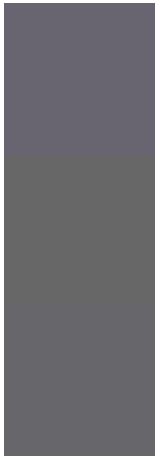
Deuteranomaly

7038064

Tritanomaly

6841710

Monochromacy



Original Color

6841712

Achromatopsia

6776679

Achromatomaly

6776426

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6841712 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 #686570 looks like.

```
.text, #text, p{  
    color:#686570  
}
```

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 #686570 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686570
}
```

Border

The CSS property to change the border of an element to Decimal 6841712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

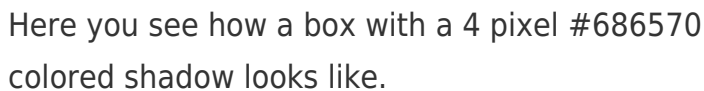
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686570 }
```

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

```
.border{ border-color:#686570 }
```

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



Here you see how a box with a 4 pixel #686570 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686570; -webkit-box-shadow:4px 4px  
4px 4px #686570; box-shadow:4px 4px 4px  
4px #686570 }
```

Background

The CSS property to change the background color of an element to Decimal 6841712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686570 }
```

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

```
.background{ background-color:#686570 }
```

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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