

Converting Colors

Decimal(6720644)

Have a look what the booklet for
Decimal(6720644) contains.

Decimal(6720644)	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(6720644)

Conversions

Conversions Part 1

Format	Color
Hex	668C84
RGB	102, 140, 132
RGB Percent	40%, 55%, 52%
CMY	0.6000, 0.4510, 0.4824
CMYK	0.27, 0.00, 0.06, 0.45
HSL	167°, 16%, 47%
HSV	167°, 27%, 55%
XYZ	19.0224, 23.2469, 25.3143
YIQ	127.7260, -20.0800, -10.5440

Conversions

Conversions Part 2

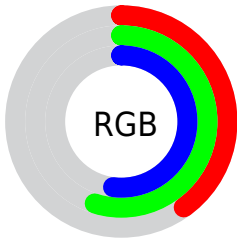
Format	Color
RYB	102, 123, 140
Decimal	6720644
CIELab	55.33, -14.97, -0.00
CIELCh	55, 14.970, 180.015
Yxy	23.2469, 0.2815, 0.3440
Android (android.graphics.Color)	4284910724 (0xFF668C84)
YUV	127.7260, 2.1071, -22.5617
Hunter-Lab	48.2150, -13.9521, 2.6215

Details

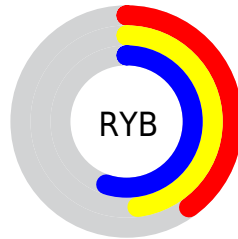
The Decimal color **6720644** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9201262**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10142393**, and **3496531** is the 20% darker color. If you saturate the color by 10%, you get **5803137**, and if you desaturate by 10%, it is **7638151**.

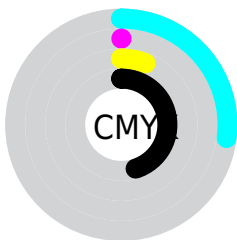
Distribution



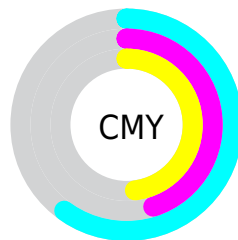
- Red (40%)
- Green (55%)
- Blue (52%)



- Red (40%)
- Yellow (48%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (60%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6720644 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 6720644 by changing the saturation by 10% instead.



6720644



6720644

16777215



5075563



10142393



3496531



11919061



1983036



13761265



404518



15597567



6417



0



6720644



6720644



5803137



7638151



4885630



8555658

■ 3968123

■ 9473165

■ 3050616

■ 10390672

■ 2133109

■ 11308179

■ 1215602

■ 12225686

■ 298095

■ 13143193

■ 35951

■ 14060700

■ 14978207

Harmonies

Analogous

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



7506807



6720644



6458513

Triad

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



6720644



8880539



10125166

Complementary

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



6720644



9201262

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.



10452088



6720644



9797010

Square

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



6720644



7767710



10386309



9405547

Rectangle

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



6720644



6589080



10386309



10255985

Sweetspot

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



6720644



10991026



7244902



5463130



14408667



6052956

Same Dimension

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



6720644



7976360



6717836



4080963



34153



1284

Inverse Universe

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



9201262



11893126



9204070



4537919



8716316



327681

Previews

White Background



This preview shows how the Decimal color 6720644 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 6720644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

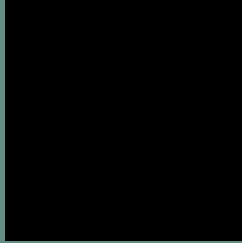
Any Text WCAG AA ✓ Pass

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 6720644 Background



This preview shows how black text looks on a background with the Decimal color 6720644.

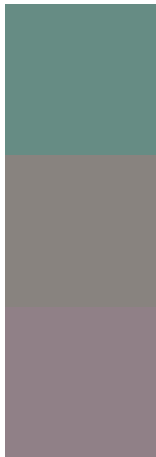


This preview shows how white text looks on a background with the Decimal color 6720644.

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
6720644

Protanopia
8946559

Deuteranopia
9470087



Tritanopia
6982293

Trichromacy



Original Color
6720644

Protanomaly
8160897

Deuteranomaly
8488070

Tritanomaly
6917007

Monochromacy



Original Color
6720644

Achromatopsia
8421504

Achromatomaly
7832705

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6720644 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 #668C84 looks like.

```
.text, #text, p{  
    color:#668C84  
}
```

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 #668C84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668C84
}
```

Border

The CSS property to change the border of an element to Decimal 6720644 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
#668C84 }
```

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

```
.border{ border-color:#668C84 }
```

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

Here you see how a box with a 4 pixel #668C84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668C84; -webkit-box-shadow:4px 4px  
4px 4px #668C84; box-shadow:4px 4px 4px  
4px #668C84 }
```

Background

The CSS property to change the background color of an element to Decimal 6720644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668C84 }
```

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

```
.background{ background-color:#668C84 }
```

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