

Converting Colors

Decimal(6684732)

Have a look what the booklet for
Decimal(6684732) contains.

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Color

Decimal(6684732)

Conversions

Conversions Part 1

Format	Color
Hex	66003C
RGB	102, 0, 60
RGB Percent	40%, 0%, 24%
CMY	0.6000, 1.0000, 0.7647
CMYK	0.00, 1.00, 0.41, 0.60
HSL	325°, 100%, 20%
HSV	325°, 100%, 40%
XYZ	6.2951, 3.1510, 4.5514
YIQ	37.3380, 41.5320, 40.2840

Conversions

Conversions Part 2

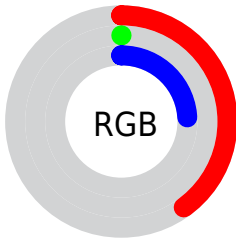
Format	Color
RYB	102, 0, 60
Decimal	6684732
CIELab	20.64, 44.37, -6.24
CIELCh	21, 44.808, 351.995
Yxy	3.1510, 0.4497, 0.2251
Android (android.graphics.Color)	4284874812 (0xFF66003C)
YUV	37.3380, 11.1724, 56.7086
Hunter-Lab	17.7511, 32.2372, -2.7762

Details

The Decimal color **6684732** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26154**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **10305131**, and **3407890** is the 20% darker color. If you saturate the color by 10%, you get **6684732**, and if you desaturate by 10%, it is **6687296**.

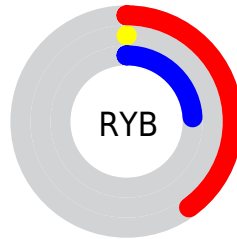
Distribution



Red (40%)

Green (0%)

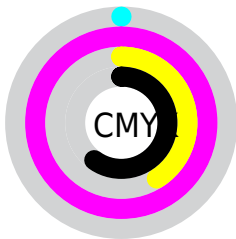
Blue (24%)



Red (40%)

Yellow (0%)

Blue (24%)

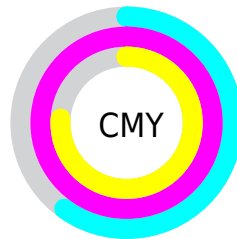


Cyan (0%)

Magenta (100%)

Yellow (41%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6684732 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 6684732 by changing the saturation by 10% instead.

6684732

6684732

16776959

4915238

10305131

3407890

12146820

655360

14054047

0

16027065

16754901

16762098

16769535

6684732

■ 6687296

■ 6689860

■ 6692681

■ 6695245

■ 6697809

■ 6700373

■ 6702937

■ 6705758

■ 6708322

Harmonies

Analogous

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



5184091



6684732



6882332

Triad

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



6684732



2635520



15974

Complementary

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



6684732



26154

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.



16202



6684732



15361

Square

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



6684732



4599040



16167



14708

Rectangle

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



6684732



6427906



16167



16221

Sweetspot

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



6684732



8740212



2687078



4336184



12763842



4342338

Same Dimension

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



6684732



8716366



6684682



3354161



7536708



15859855

Inverse Universe

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



6684732



8716366



26204



3354161



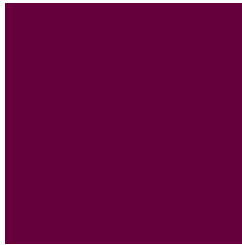
7536708



15859855

Previews

White Background



This preview shows how the Decimal color 6684732 looks on a white background.

Color Contrast Check

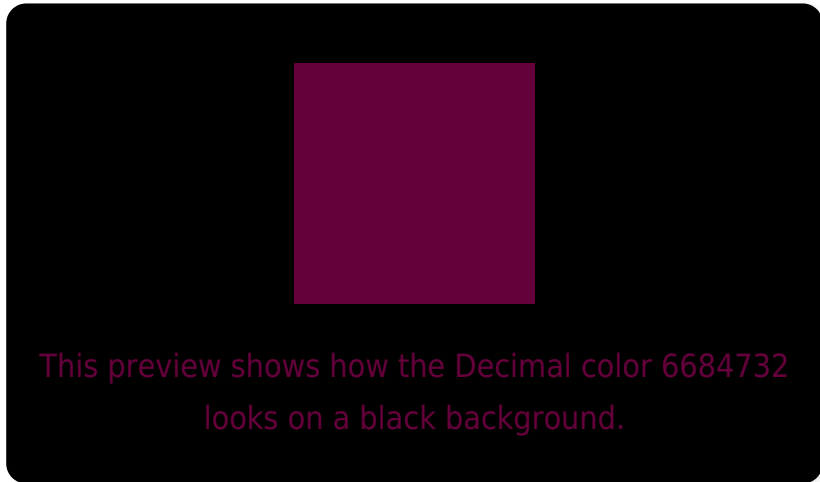
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

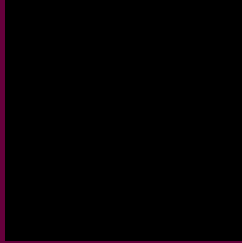
Any Text WCAG AA × Fail

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 6684732 Background



This preview shows how black text looks on a background with the Decimal color 6684732.



This preview shows how white text looks on a background with the Decimal color 6684732.

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

6684732

Protanopia

2700630

Deuteranopia

3814456

Trichromacy



Original Color
6684732

Protanomaly
4137549

Deuteranomaly
4858169

Tritanomaly
6623013

Monochromacy



Original Color
6684732

Achromatopsia
2434341

Achromatomaly
4003885

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6684732 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 #66003C looks like.

```
.text, #text, p{  
    color:#66003C  
}
```

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 #66003C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66003C
}
```

Border

The CSS property to change the border of an element to Decimal 6684732 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".

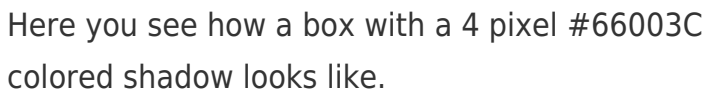
```
.border, #border, table{ border:4px solid
#66003C }
```

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

```
.border{ border-color:#66003C }
```

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

Here you see how a box with a 4 pixel #66003C colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66003C; -webkit-box-shadow:4px 4px  
4px 4px #66003C; box-shadow:4px 4px 4px  
4px #66003C }
```

Background

The CSS property to change the background color of an element to Decimal 6684732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66003C }
```

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

```
.background{ background-color:#66003C }
```

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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