

Converting Colors

Decimal(6750249)

Have a look what the booklet for
Decimal(6750249) contains.

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Color

Decimal(6750249)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 670029 |
| RGB | 103, 0, 41 |
| RGB Percent | 40%, 0%, 16% |
| CMY | 0.5961, 1.0000, 0.8392 |
| CMYK | 0.00, 1.00, 0.60, 0.60 |
| HSL | 336°, 100%, 20% |
| HSV | 336°, 100%, 40% |
| XYZ | 5.9938, 3.0437, 2.3694 |
| YIQ | 35.4710, 48.2270, 34.5870 |

Conversions

Conversions Part 2

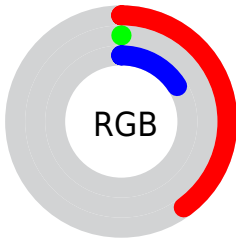
| Format | Color |
|-------------------------------------|--|
| RYB | 103, 0, 41 |
| Decimal | 6750249 |
| CIELab | 20.22, 42.91, 6.61 |
| CIELCh | 20, 43.411, 8.755 |
| Yxy | 3.0437, 0.5255, 0.2668 |
| Android (android.graphics.Color) | 4284940329 (0xFF670029) |
| YUV | 35.4710, 2.7258, 59.2229 |
| Hunter-Lab | 17.4461, 30.7946, 4.1599 |

Details

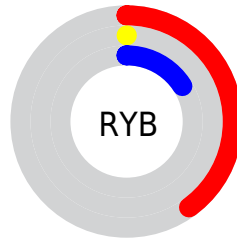
The Decimal color **6750249** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26430**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **10435926**, and **3473410** is the 20% darker color. If you saturate the color by 10%, you get **6750249**, and if you desaturate by 10%, it is **6752815**.

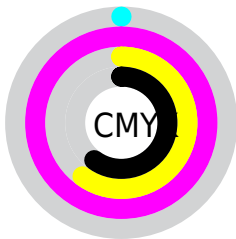
Distribution



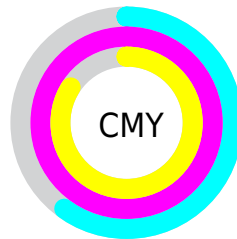
- Red (40%)
- Green (0%)
- Blue (16%)



- Red (40%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (60%)
- Black (60%)



- Cyan (60%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6750249 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 6750249 by changing the saturation by 10% instead.

 6750249

 6750249

 16776703

 4980757

 10435926

 3473410

 12343150

 131072

 14250375

 0

 16223393

 16754620

 16761816

 16769269

 6750249

■ 6752815

■ 6755637

■ 6758204

■ 6760770

■ 6763592

■ 6766158

■ 6768724

■ 6771291

■ 6774113

Harmonies

Analogous

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



6032457



6750249



6362120

Triad

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



6750249



1128704



14957

Complementary

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



6750249



26430

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.



15960



6750249



15640

Square

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



6750249



3486208



15930



12913

Rectangle

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



6750249



5644544



15930



15463

Sweetspot

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



6750249



8871791



4063335



4533302



12895428



4539717

Same Dimension

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



6750249



8847414



6752768



3354160



7536686



15859808

Inverse Universe

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



6750249



8847414



23911



3354160



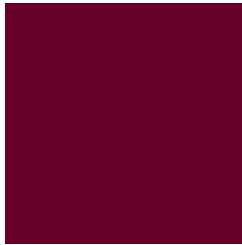
7536686



15859808

Previews

White Background



This preview shows how the Decimal color 6750249 looks on a white background.

Color Contrast Check

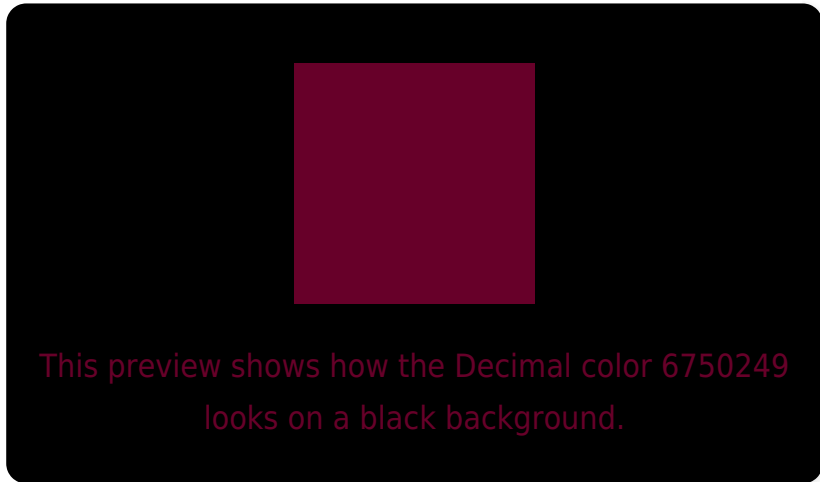
Large Text (above 18pt) WCAG AA ✓ Pass

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

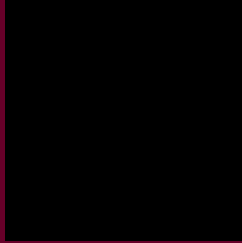
Any Text WCAG AA × Fail

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 6750249 Background



This preview shows how black text looks on a background with the Decimal color 6750249.



This preview shows how white text looks on a background with the Decimal color 6750249.

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
6750249

Protanopia
3421500

Deuteranopia
4141861

Trichromacy



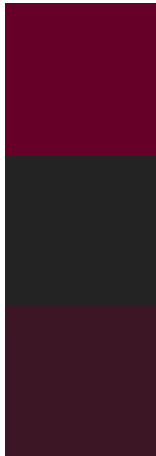
Original Color
6750249

Protanomaly
4661813

Deuteranomaly
5120038

Tritanomaly
6687256

Monochromacy



Original Color
6750249

Achromatopsia
2302755

Achromatomaly
3937829

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6750249 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 #670029 looks like.

```
.text, #text, p{  
  color:#670029  
}
```

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 #670029 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #670029
}
```

Border

The CSS property to change the border of an element to Decimal 6750249 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".

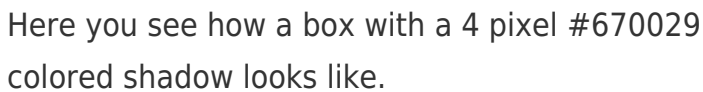
```
.border, #border, table{ border:4px solid
#670029 }
```

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

```
.border{ border-color:#670029 }
```

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

Here you see how a box with a 4 pixel #670029 colored shadow looks like.

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

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #670029; -webkit-box-shadow:4px 4px  
4px 4px #670029; box-shadow:4px 4px 4px  
4px #670029 }
```

Background

The CSS property to change the background color of an element to Decimal 6750249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#670029 }
```

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

```
.background{ background-color:#670029 }
```

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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