

Converting Colors

Decimal(6756470)

Have a look what the booklet for
Decimal(6756470) contains.

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Color

Decimal(6756470)

Conversions

Conversions Part 1

Format	Color
Hex	671876
RGB	103, 24, 118
RGB Percent	40%, 9%, 46%
CMY	0.5961, 0.9059, 0.5373
CMYK	0.13, 0.80, 0.00, 0.54
HSL	290°, 66%, 28%
HSV	290°, 80%, 46%
XYZ	9.1902, 4.8448, 17.5903
YIQ	58.3370, 16.9100, 45.9820

Conversions

Conversions Part 2

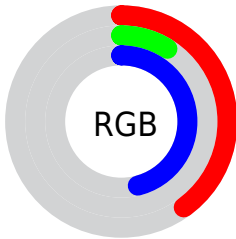
Format	Color
R_{YB}	103, 24, 118
Decimal	6756470
CIE _{Lab}	26.29, 47.21, -36.02
CIE _{LCh}	26, 59.383, 322.663
Yxy	4.8448, 0.2906, 0.1532
Android (android.graphics.Color)	4284946550 (0xFF671876)
YUV	58.3370, 29.4139, 39.1695
Hunter-Lab	22.0110, 36.0092, -31.9745

Details

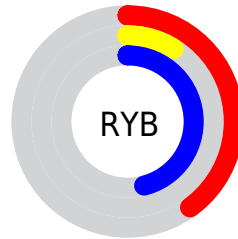
The Decimal color **6756470** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2586136**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **10309291**, and **3407941** is the 20% darker color. If you saturate the color by 10%, you get **6622326**, and if you desaturate by 10%, it is **6890614**.

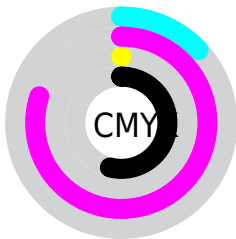
Distribution



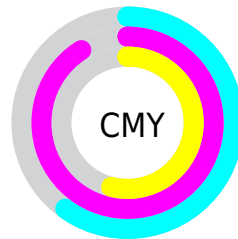
- Red (40%)
- Green (9%)
- Blue (46%)



- Red (40%)
- Yellow (9%)
- Blue (46%)



- Cyan (13%)
- Magenta (80%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (91%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6756470 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 6756470 by changing the saturation by 10% instead.



6756470



6756470

16777215



5046365



10309291



3407941



12150982



1900590



13992675



280



15965695



0



16759295



16766463



16773887



6756470



6756470

■ 6622326

■ 6890614

■ 6488182

■ 7024758

■ 7158646

■ 7292790

■ 7361398

■ 7495542

■ 7629686

■ 7763574

■ 7897718

Harmonies

Analogous

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



14483



6756470



8716363

Triad

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



6756470



5650688



20576

Complementary

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



6756470



2586136

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.



20273



6756470



2901504

Square

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



6756470



7741440



19456



20359

Rectangle

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



6756470



9044014



19456



20561

Sweetspot

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



6756470



9663641



1583222



4798029



13421772



5066061

Same Dimension

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



6756470



8521369



7739479



3814715



6750330



13762810

Inverse Universe

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



7739431



10028574



1603127



3880246



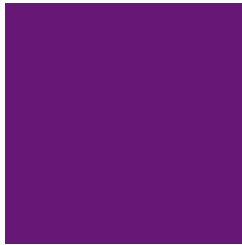
7995412



16384040

Previews

White Background



This preview shows how the Decimal color 6756470 looks on a white background.

Color Contrast Check

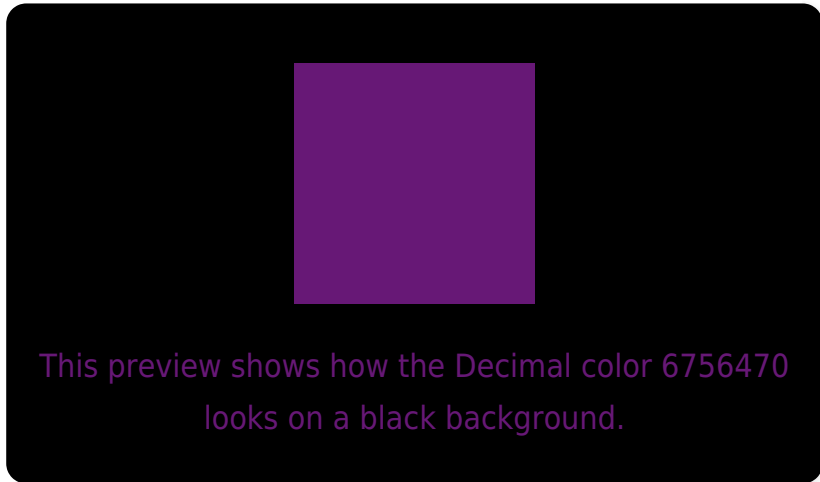
Large Text (above 18pt) WCAG AA ✓ Pass

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

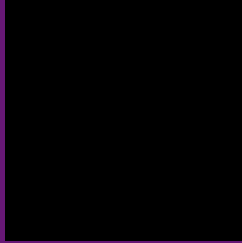
Any Text WCAG AA × Fail

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 6756470 Background



This preview shows how black text looks on a background with the Decimal color 6756470.

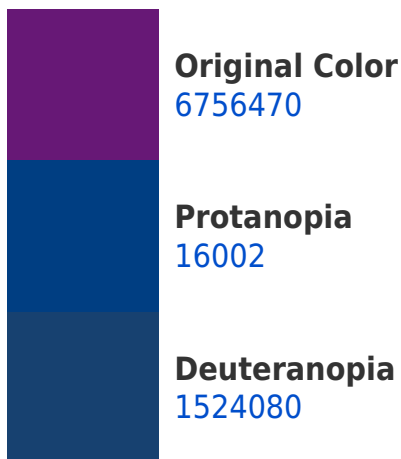



This preview shows how white text looks on a background with the Decimal color 6756470.

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





Tritanopia
6238774

Trichromacy



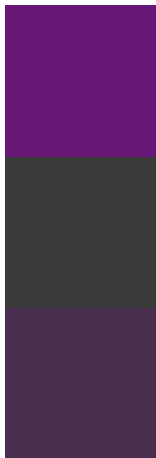
Original Color
6756470

Protanomaly
2437246

Deuteranomaly
3420786

Tritanomaly
6433101

Monochromacy



Original Color
6756470

Achromatopsia
3815994

Achromatomaly
4861520

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6756470 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 #671876 looks like.

```
.text, #text, p{  
    color:#671876  
}
```

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 #671876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #671876
}
```

Border

The CSS property to change the border of an element to Decimal 6756470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

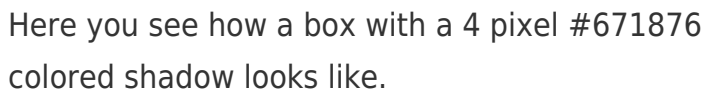
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#671876 }
```

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

```
.border{ border-color:#671876 }
```

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



Here you see how a box with a 4 pixel #671876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #671876; -webkit-box-shadow:4px 4px  
4px 4px #671876; box-shadow:4px 4px 4px  
4px #671876 }
```

Background

The CSS property to change the background color of an element to Decimal 6756470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#671876 }
```

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

```
.background{ background-color:#671876 }
```

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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