

Converting Colors

Decimal(5706174)

Have a look what the booklet for
Decimal(5706174) contains.

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Color

Decimal(5706174)

Conversions

Conversions Part 1

Format	Color
Hex	5711BE
RGB	87, 17, 190
RGB Percent	34%, 7%, 75%
CMY	0.6588, 0.9333, 0.2549
CMYK	0.54, 0.91, 0.00, 0.25
HSL	264°, 84%, 41%
HSV	264°, 91%, 75%
XYZ	13.4252, 6.1448, 49.1937
YIQ	57.6520, -13.8130, 68.6430

Conversions

Conversions Part 2

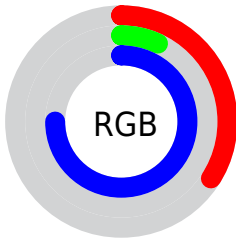
Format	Color
R_{YB}	87, 17, 190
Decimal	5706174
CIE _{Lab}	29.77, 63.09, -74.54
CIE _{LCh}	30, 97.657, 310.242
Yxy	6.1448, 0.1952, 0.0894
Android (android.graphics.Color)	4283896254 (0xFF5711BE)
YUV	57.6520, 65.2476, 25.7382
Hunter-Lab	24.7888, 53.2922, -100.3097

Details

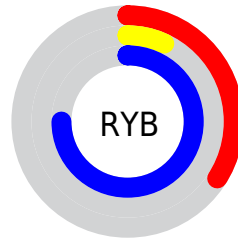
The Decimal color **5706174** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **7912977**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **9719032**, and **135** is the 20% darker color. If you saturate the color by 10%, you get **5046462**, and if you desaturate by 10%, it is **6431934**.

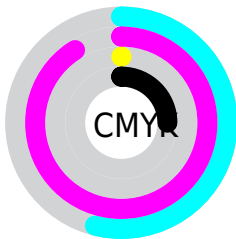
Distribution



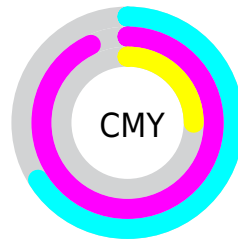
- Red (34%)
- Green (7%)
- Blue (75%)



- Red (34%)
- Yellow (7%)
- Blue (75%)



- Cyan (54%)
- Magenta (91%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (93%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5706174 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 5706174 by changing the saturation by 10% instead.

■ 5706174

■ 5706174

16777215

■ 3473570

■ 9719032

■ 135

■ 11692031

■ 109

■ 13665023

■ 83

■ 15638015

■ 1595

■ 16759295

■ 548

■ 16766719

■ 12

■ 16774143

■ 0

■ 5706174

■ 5706174

■ 5046462

■ 6431934

■ 7223230

■ 7948990

■ 8674750

■ 9466046

■ 10191806

■ 10917566

■ 11643326

■ 12434622

Harmonies

Analogous

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



19682



5706174



11206779

Triad

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



5706174



8203264



24160

Complementary

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



5706174



7912977

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.



23558



5706174



4148224

Square

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



5706174



11141120



22528



24746

Rectangle

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



5706174



12320842



22528



24133

Sweetspot

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



5706174



13678071



1145278



6641021



16579836



8224125

Same Dimension

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



5706174



6553847



11342270



5854558



4194462



786463

Inverse Universe

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



12456312



16187539



2276881



6182235



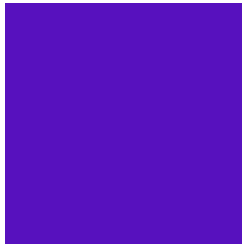
10354782



2031634

Previews

White Background



This preview shows how the Decimal color 5706174 looks on a white background.

Color Contrast Check

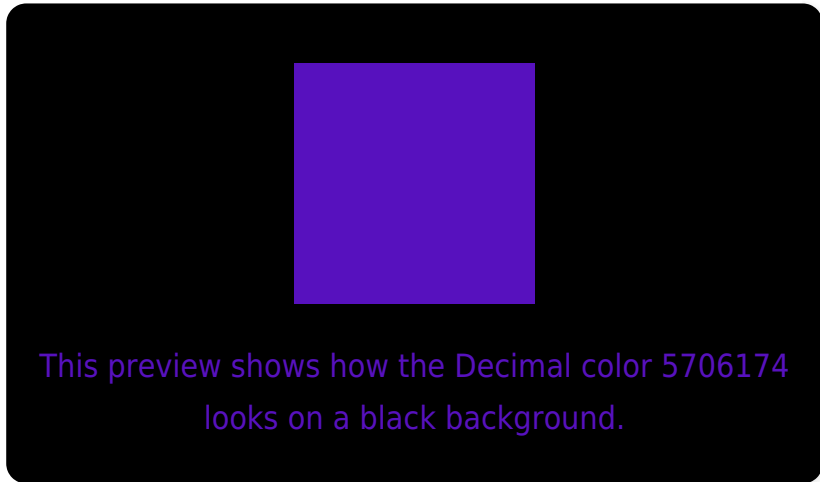
Large Text (above 18pt) WCAG AA ✓ Pass

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

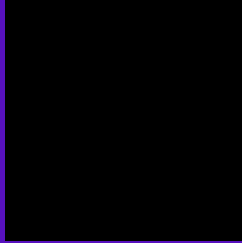
Any Text WCAG AA × Fail

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 5706174 Background



This preview shows how black text looks on a background with the Decimal color 5706174.



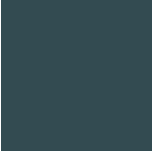
This preview shows how white text looks on a background with the Decimal color 5706174.

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
3361617

Trichromacy



Original Color

5706174



Protanomaly

2110113



Deuteranomaly

2110867



Tritanomaly

4208249

Monochromacy



Original Color

5706174



Achromatopsia

3815994



Achromatomaly

4533098

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5706174 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 #5711BE looks like.

```
.text, #text, p{  
    color:#5711BE  
}
```

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 #5711BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5711BE
}
```

Border

The CSS property to change the border of an element to Decimal 5706174 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".

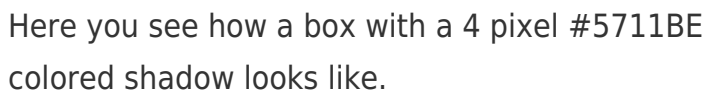
```
.border, #border, table{ border:4px solid
#5711BE }
```

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

```
.border{ border-color:#5711BE }
```

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

Here you see how a box with a 4 pixel #5711BE colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #5711BE color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5711BE; -webkit-box-shadow:4px 4px  
4px 4px #5711BE; box-shadow:4px 4px 4px  
4px #5711BE }
```

Background

The CSS property to change the background color of an element to Decimal 5706174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5711BE }
```

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

```
.background{ background-color:#5711BE }
```

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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