

Converting Colors

Decimal(5064665)

Have a look what the booklet for
Decimal(5064665) contains.

Decimal(5064665)	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>	28

Color

Decimal(5064665)

Conversions

Conversions Part 1

Format	Color
Hex	4D47D9
RGB	77, 71, 217
RGB Percent	30%, 28%, 85%
CMY	0.6980, 0.7216, 0.1490
CMYK	0.65, 0.67, 0.00, 0.15
HSL	242°, 66%, 56%
HSV	242°, 67%, 85%
XYZ	17.8382, 11.0940, 66.8468
YIQ	89.4380, -43.2900, 46.6780

Conversions

Conversions Part 2

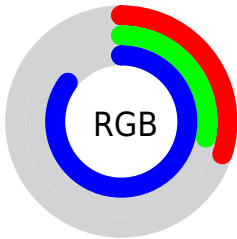
Format	Color
RYB	77, 71, 217
Decimal	5064665
CIELab	39.74, 46.02, -73.88
CIElCh	40, 87.041, 301.917
Yxy	11.0940, 0.1862, 0.1158
Android (android.graphics.Color)	4283254745 (0xFF4D47D9)
YUV	89.4380, 62.8881, -10.9081
Hunter-Lab	33.3077, 37.3087, -95.6767

Details

The Decimal color **5064665** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **13883719**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **9271807**, and **6561** is the 20% darker color. If you saturate the color by 10%, you get **3682777**, and if you desaturate by 10%, it is **6446553**.

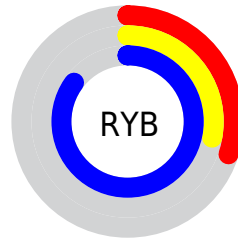
Distribution



Red (30%)

Green (28%)

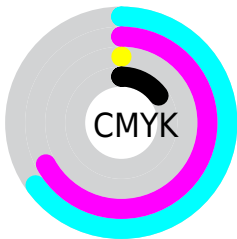
Blue (85%)



Red (30%)

Yellow (28%)

Blue (85%)

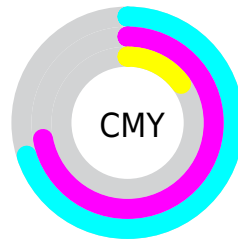


Cyan (65%)

Magenta (67%)

Yellow (0%)

Black (15%)



Cyan (70%)

Magenta (72%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5064665 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 5064665 by changing the saturation by 10% instead.

■ 5064665

■ 5064665

16777215

■ 2437309

■ 9271807

■ 6561

■ 11244543

■ 1158

■ 13283071

■ 108

■ 15256063

■ 2642

■ 16770559

■ 1338

■ 548

■ 11

■ 0

■ 5064665

■ 5064665

■ 3682777

■ 6446553

■ 2301145

■ 7828185

■ 984793

■ 9144537

■ 590041

■ 10526425

■ 11908313

■ 13289945

■ 14671833

■ 15988185

■ 16777177

Harmonies

Analogous

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



26607



5064665



11600034

Triad

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



5064665



10828544



30817

Complementary

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



5064665



13883719

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.



29963



5064665



7298304

Square

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



5064665



13172759



1731840



31144

Rectangle

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



5064665



13303924



1731840



30535

Sweetspot

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



5064665



13552895



4707545



6447488



0



8421504

Same Dimension

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



5064665



3748095



9783257



6513518



458925



131118

Inverse Universe

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



14239699



16724215



9165127



7234413



11337894



3014700

Previews

White Background



This preview shows how the Decimal color 5064665 looks on a white background.

Color Contrast Check

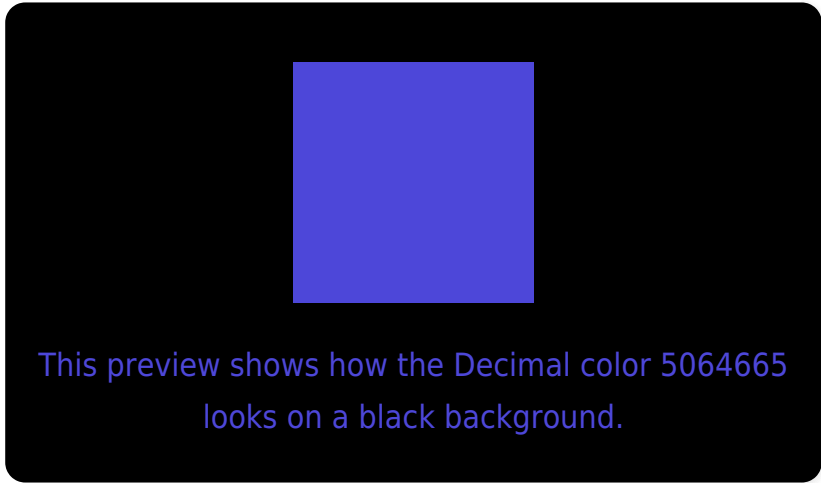
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

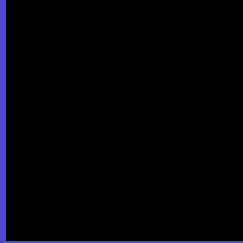
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5064665 Background



This preview shows how black text looks on a background with the Decimal color 5064665.



This preview shows how white text looks on a background with the Decimal color 5064665.

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



Trichromacy



Original Color
5064665

Protanomaly
1856456

Tritanomaly
1858454

Monochromacy



Original Color
5064665

Achromatopsia
5855577

Achromatomaly
5591688

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5064665 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 #4D47D9 looks like.

```
.text, #text, p{  
    color:#4D47D9  
}
```

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 #4D47D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D47D9
}
```

Border

The CSS property to change the border of an element to Decimal 5064665 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
#4D47D9 }
```

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

```
.border{ border-color:#4D47D9 }
```

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

Here you see how a box with a 4 pixel #4D47D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D47D9; -webkit-box-shadow:4px 4px  
4px 4px #4D47D9; box-shadow:4px 4px 4px  
4px #4D47D9 }
```

Background

The CSS property to change the background color of an element to Decimal 5064665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D47D9 }
```

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

```
.background{ background-color:#4D47D9 }
```

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