

Converting Colors

Decimal(5065427)

Have a look what the booklet for
Decimal(5065427) contains.

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Color

Decimal(5065427)

Conversions

Conversions Part 1

Format	Color
Hex	4D4AD3
RGB	77, 74, 211
RGB Percent	30%, 29%, 83%
CMY	0.6980, 0.7098, 0.1725
CMYK	0.64, 0.65, 0.00, 0.17
HSL	241°, 61%, 56%
HSV	241°, 65%, 83%
XYZ	17.2672, 11.1785, 62.8756
YIQ	90.5150, -42.1890, 43.2430

Conversions

Conversions Part 2

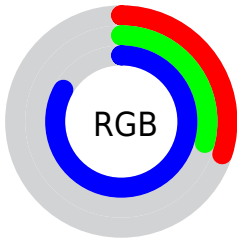
Format	Color
R_{YB}	77, 74, 211
Decimal	5065427
CIE _{Lab}	39.88, 42.32, -70.20
CIE _{LCh}	40, 81.973, 301.083
Yxy	11.1785, 0.1891, 0.1224
Android (android.graphics.Color)	4283255507 (0xFF4D4AD3)
YUV	90.5150, 59.3991, -11.8527
Hunter-Lab	33.4342, 33.6769, -88.0953

Details

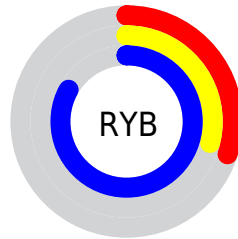
The Decimal color **5065427** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **13685578**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **9206783**, and **7579** is the 20% darker color. If you saturate the color by 10%, you get **3683795**, and if you desaturate by 10%, it is **6447059**.

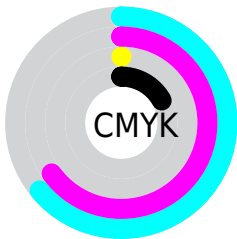
Distribution



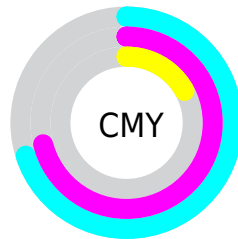
- Red (30%)
- Green (29%)
- Blue (83%)



- Red (30%)
- Yellow (29%)
- Blue (83%)



- Cyan (64%)
- Magenta (65%)
- Yellow (0%)
- Black (17%)



- Cyan (70%)
- Magenta (71%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5065427 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 5065427 by changing the saturation by 10% instead.

■ 5065427

■ 5065427

16777215

■ 2569143

■ 9206783

■ 7579

■ 11179775

■ 2176

■ 13152511

■ 103

■ 15125759

■ 2637

■ 16771327

■ 1333

■ 543

■ 3

■ 0

■ 5065427

■ 5065427

■ 3683795

■ 6447059

■ 2367699

■ 7763155

■ 986067

■ 9144787

■ 327891

■ 10526419

■ 11842771

■ 13224403

■ 14540499

■ 15922131

■ 16777171

Harmonies

Analogous

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



26599



5065427



11272352

Triad

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



5065427



10763520



30559

Complementary

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



5065427



13685578

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.



29713



5065427



7429376

Square

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



5065427



12910621



2649344



30882

Rectangle

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



5065427



12976245



2649344



30535

Sweetspot

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



5065427



13684735



4903379



6513280



0



8421504

Same Dimension

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



5065427



3946751



9521875



6184553



262312



65577

Inverse Universe

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



13847248



16726267



9229130



6905448



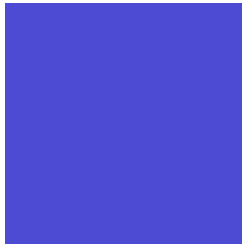
11010213



2687016

Previews

White Background



This preview shows how the Decimal color 5065427 looks on a white background.

Color Contrast Check

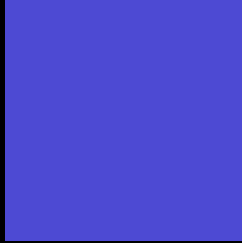
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5065427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

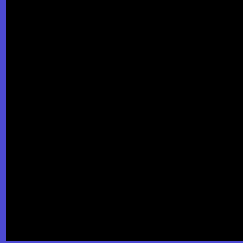
Any Text WCAG AA × Fail

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 5065427 Background



This preview shows how black text looks on a background with the Decimal color 5065427.

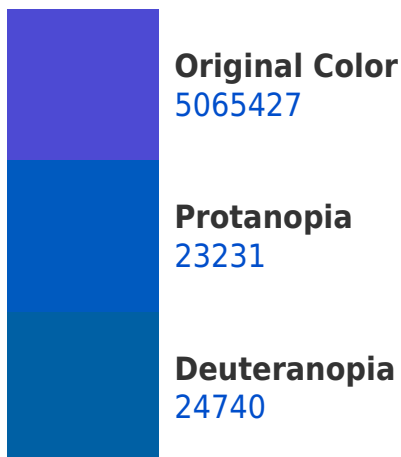


This preview shows how white text looks on a background with the Decimal color 5065427.

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

5065427



Protanomaly

1856710



Deuteranomaly

1857717



Tritanomaly

1858964

Monochromacy



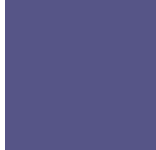
Original Color

5065427



Achromatopsia

5987163



Achromatomaly

5657991

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5065427 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 #4D4AD3 looks like.

```
.text, #text, p{  
    color:#4D4AD3  
}
```

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 #4D4AD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D4AD3
}
```

Border

The CSS property to change the border of an element to Decimal 5065427 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
#4D4AD3 }
```

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

```
.border{ border-color:#4D4AD3 }
```

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

Here you see how a box with a 4 pixel #4D4AD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D4AD3; -webkit-box-shadow:4px 4px  
4px 4px #4D4AD3; box-shadow:4px 4px 4px  
4px #4D4AD3 }
```

Background

The CSS property to change the background color of an element to Decimal 5065427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D4AD3 }
```

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

```
.background{ background-color:#4D4AD3 }
```

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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