

Converting Colors

Decimal(5046425)

Have a look what the booklet for
Decimal(5046425) contains.

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Color

Decimal(5046425)

Conversions

Conversions Part 1

Format	Color
Hex	4D0099
RGB	77, 0, 153
RGB Percent	30%, 0%, 60%
CMY	0.6980, 1.0000, 0.4000
CMYK	0.50, 1.00, 0.00, 0.40
HSL	270°, 100%, 30%
HSV	270°, 100%, 60%
XYZ	8.8103, 3.8777, 30.4211
YIQ	40.4650, -3.2210, 63.9070

Conversions

Conversions Part 2

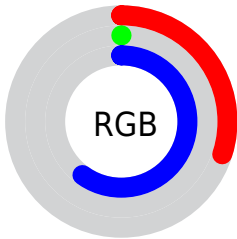
Format	Color
RYB	77, 0, 153
Decimal	5046425
CIELab	23.26, 57.05, -63.05
CIElCh	23, 85.030, 312.137
Yxy	3.8777, 0.2044, 0.0900
Android (android.graphics.Color)	4283236505 (0xFF4D0099)
YUV	40.4650, 55.4798, 32.0412
Hunter-Lab	19.6918, 45.4020, -77.8103

Details

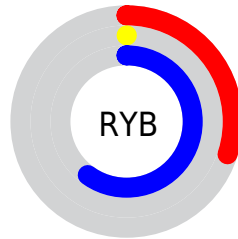
The Decimal color **5046425** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **5019904**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **8863953**, and **327780** is the 20% darker color. If you saturate the color by 10%, you get **5046425**, and if you desaturate by 10%, it is **5574553**.

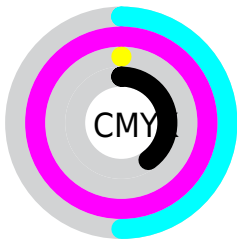
Distribution



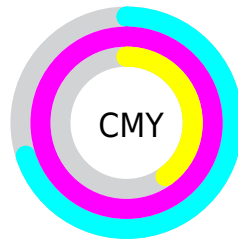
- Red (30%)
- Green (0%)
- Blue (60%)



- Red (30%)
- Yellow (0%)
- Blue (60%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (70%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046425 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 5046425 by changing the saturation by 10% instead.

■ 5046425

■ 5046425

16777215

■ 3014782

■ 8863953

■ 327780

■ 10705645

■ 76

■ 12678655

■ 1076

■ 14586111

■ 542

■ 16559103

■ 0

■ 16762879

■ 16770303

■ 5046425

■ 5574553

■ 6037401

■ 6565529

■ 7028121

■ 7556505

■ 8084633

■ 8547225

■ 9075353

■ 9538201

Harmonies

Analogous

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



15290



5046425



9306208

Triad

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



5046425



6497280



19537

Complementary

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



5046425



5019904

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.



18953



5046425



2964736

Square

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



5046425



8978432



18176



19854

Rectangle

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



5046425



10158135



18176



19259

Sweetspot

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



5046425



11111367



19865



5390435



14935011



6513507

Same Dimension

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



5046425



6553799



10027161



4801869



4653196



393229

Inverse Universe

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



10027084



13041763



39168



5064009



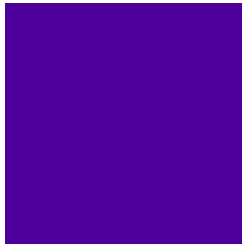
9175110



851974

Previews

White Background



This preview shows how the Decimal color 5046425 looks on a white background.

Color Contrast Check

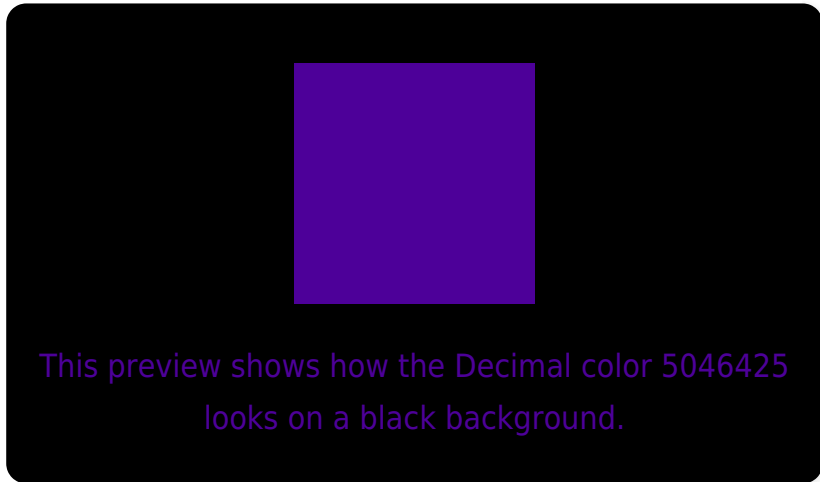
Large Text (above 18pt) WCAG AA ✓ Pass

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

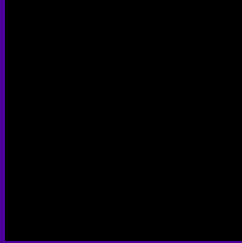
Any Text WCAG AA × Fail

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 5046425 Background



This preview shows how black text looks on a background with the Decimal color 5046425.

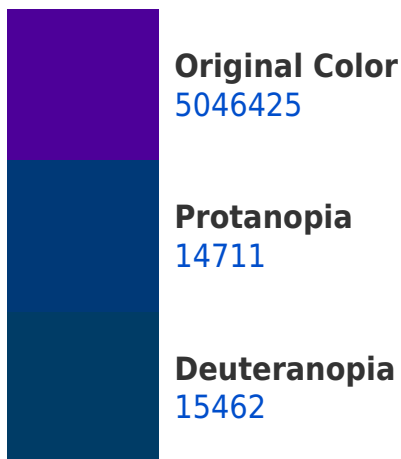


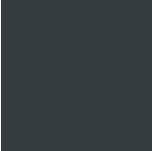
This preview shows how white text looks on a background with the Decimal color 5046425.

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
3423296

Trichromacy



Original Color
5066425

Protanomaly
1844355

Deuteranomaly
1844857

Tritanomaly
4007520

Monochromacy



Original Color
5066425

Achromatopsia
2631720

Achromatomaly
3479889

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046425 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 #4D0099 looks like.

```
.text, #text, p{  
    color:#4D0099  
}
```

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 #4D0099 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0099
}
```

Border

The CSS property to change the border of an element to Decimal 5046425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

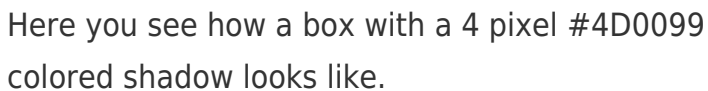
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0099 }
```

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

```
.border{ border-color:#4D0099 }
```

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



Here you see how a box with a 4 pixel #4D0099 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0099; -webkit-box-shadow:4px 4px  
4px 4px #4D0099; box-shadow:4px 4px 4px  
4px #4D0099 }
```

Background

The CSS property to change the background color of an element to Decimal 5046425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0099 }
```

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

```
.background{ background-color:#4D0099 }
```

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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