

Converting Colors

Decimal(5046363)

Have a look what the booklet for
Decimal(5046363) contains.

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Color

Decimal(5046363)

Conversions

Conversions Part 1

Format	Color
Hex	4D005B
RGB	77, 0, 91
RGB Percent	30%, 0%, 36%
CMY	0.6980, 1.0000, 0.6431
CMYK	0.15, 1.00, 0.00, 0.64
HSL	291°, 100%, 18%
HSV	291°, 100%, 36%
XYZ	4.9489, 2.3331, 10.0870
YIQ	33.3970, 16.6810, 44.6250

Conversions

Conversions Part 2

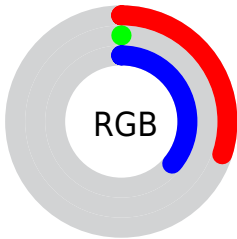
Format	Color
R_YB	77, 0, 91
Decimal	5046363
CIE _{Lab}	17.15, 43.83, -33.35
CIE _{LCh}	17, 55.077, 322.738
Yxy	2.3331, 0.2849, 0.1343
Android (android.graphics.Color)	4283236443 (0xFF4D005B)
YUV	33.3970, 28.3983, 38.2398
Hunter-Lab	15.2745, 31.1030, -28.4619

Details

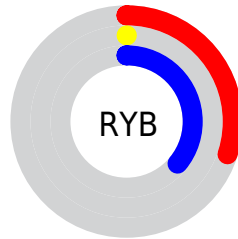
The Decimal color **5046363** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **940800**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **8469134**, and **1966125** is the 20% darker color. If you saturate the color by 10%, you get **5046363**, and if you desaturate by 10%, it is **5114203**.

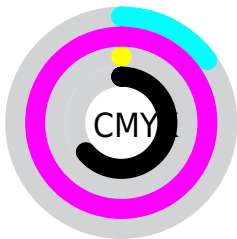
Distribution



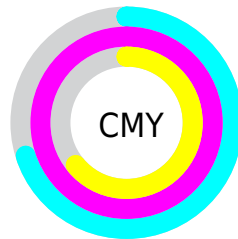
- Red (30%)
- Green (0%)
- Blue (36%)



- Red (30%)
- Yellow (0%)
- Blue (36%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (64%)



- Cyan (70%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046363 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 5046363 by changing the saturation by 10% instead.

 5046363

 5046363

 16775167

 3407939

 8469134

 1966125

 10245033

 278

 12086724

 0

 13993952

 15901437

 16760575

 16767743

 5046363

■ 5114203

■ 5247579

■ 5315419

■ 5448795

■ 5516891

■ 5584731

■ 5718107

■ 5785947

■ 5919323

Harmonies

Analogous

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



9589



5046363



6750262

Triad

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



5046363



4007424



14664

Complementary

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



5046363



940800

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.



14367



5046363



1519872

Square

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



5046363



5835520



13824



14442

Rectangle

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



5046363



6946844



13824



14651

Sweetspot

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



5046363



7361141



3931



3614267



12237498



3881787

Same Dimension

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



5046363



6488181



5963837



2959662



6094958



13172973

Inverse Universe

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



5963790



7667730



23326



3025194



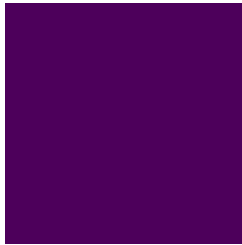
7208977



15532068

Previews

White Background



This preview shows how the Decimal color 5046363 looks on a white background.

Color Contrast Check

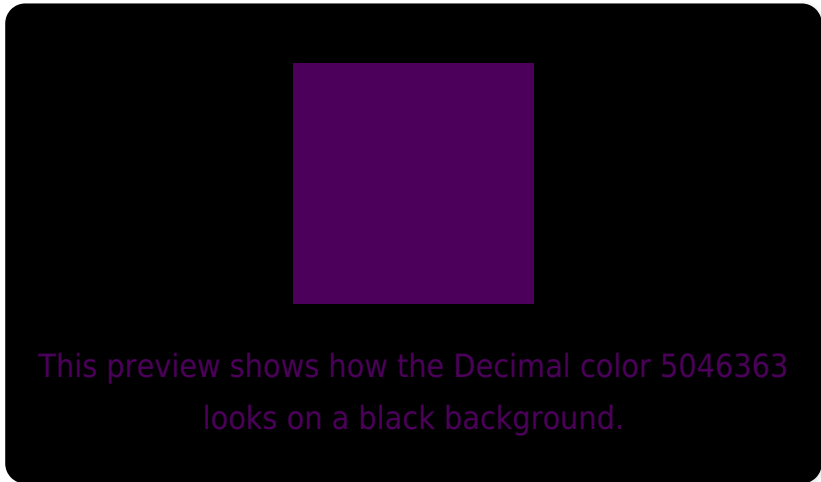
Large Text (above 18pt) WCAG AA ✓ Pass

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

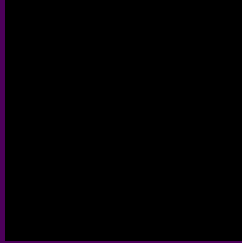
Any Text WCAG AA × Fail

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 5046363 Background



This preview shows how black text looks on a background with the Decimal color 5046363.



This preview shows how white text looks on a background with the Decimal color 5046363.

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



Original Color
5046363

Protanopia
11614

Deuteranopia
12115



Tritanopia
4596774

Trichromacy



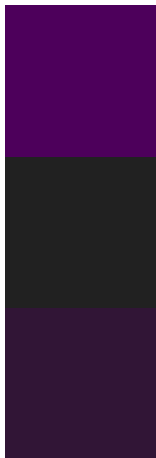
Original Color
5046363

Protanomaly
1842525

Deuteranomaly
1842774

Tritanomaly
4790073

Monochromacy



Original Color
5046363

Achromatopsia
2171169

Achromatomaly
3216694

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046363 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 #4D005B looks like.

```
.text, #text, p{  
    color:#4D005B  
}
```

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 #4D005B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D005B
}
```

Border

The CSS property to change the border of an element to Decimal 5046363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

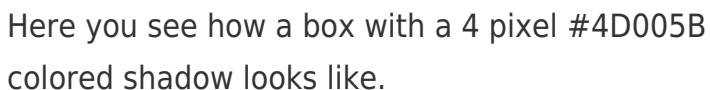
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D005B }
```

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

```
.border{ border-color:#4D005B }
```

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



Here you see how a box with a 4 pixel #4D005B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D005B; -webkit-box-shadow:4px 4px  
4px 4px #4D005B; box-shadow:4px 4px 4px  
4px #4D005B }
```

Background

The CSS property to change the background color of an element to Decimal 5046363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D005B }
```

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

```
.background{ background-color:#4D005B }
```

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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