

Converting Colors

Decimal(5046340)

Have a look what the booklet for
Decimal(5046340) contains.

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Color

Decimal(5046340)

Conversions

Conversions Part 1

Format	Color
Hex	4D0044
RGB	77, 0, 68
RGB Percent	30%, 0%, 27%
CMY	0.6980, 1.0000, 0.7333
CMYK	0.00, 1.00, 0.12, 0.70
HSL	307°, 100%, 15%
HSV	307°, 100%, 30%
XYZ	4.1040, 1.9951, 5.6376
YIQ	30.7750, 24.0640, 37.4720

Conversions

Conversions Part 2

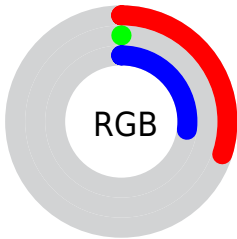
Format	Color
RYB	77, 0, 68
Decimal	5046340
CIELab	15.46, 39.80, -20.30
CIELCh	15, 44.678, 332.978
Yxy	1.9951, 0.3497, 0.1700
Android (android.graphics.Color)	4283236420 (0xFF4D0044)
YUV	30.7750, 18.3519, 40.5393
Hunter-Lab	14.1249, 27.1440, -13.7768

Details

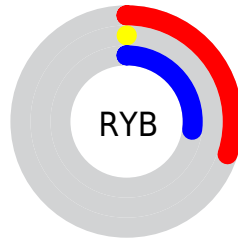
The Decimal color **5046340** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19721**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **8468596**, and **1835033** is the 20% darker color. If you saturate the color by 10%, you get **5046340**, and if you desaturate by 10%, it is **5048389**.

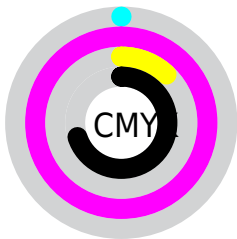
Distribution



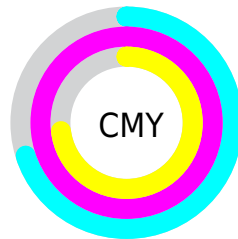
- Red (30%)
- Green (0%)
- Blue (27%)



- Red (30%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046340 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 5046340 by changing the saturation by 10% instead.

 5046340

 5046340

 16774399

 3473454

 8468596

 1835033

 10244494

 0

 12085929

 13927876

 15835104

 16759805

 16766975

 5046340

■ 5048389

■ 5050182

■ 5052231

■ 5054280

■ 5056328

■ 5058121

■ 5060170

■ 5062219

■ 5064012

Harmonies

Analogous

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



2366557



5046340



5963813

Triad

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



5046340



3024640



13129

Complementary

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



5046340



19721

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.



13097



5046340



732672

Square

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



5046340



4659456



12547



12640

Rectangle

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



5046340



5898256



12547



13119

Sweetspot

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



5046340



6506080



589901



3350833



11776947



3355443

Same Dimension

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



5046340



6488152



5046302



2499110



6684762



15073483

Inverse Universe

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



5046340



6488152



19759



2499110



6684762



15073483

Previews

White Background



This preview shows how the Decimal color 5046340 looks on a white background.

Color Contrast Check

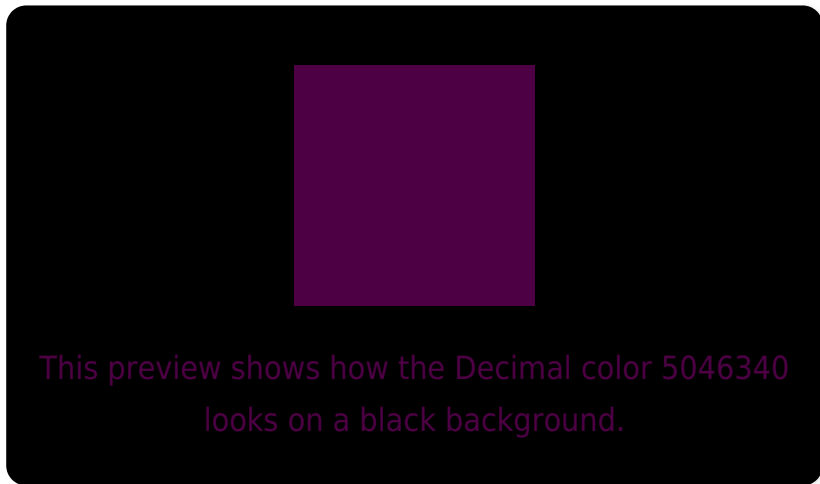
Large Text (above 18pt) WCAG AA ✓ Pass

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

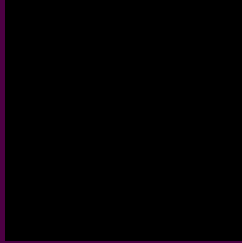
Any Text WCAG AA × Fail

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 5046340 Background



This preview shows how black text looks on a background with the Decimal color 5046340.

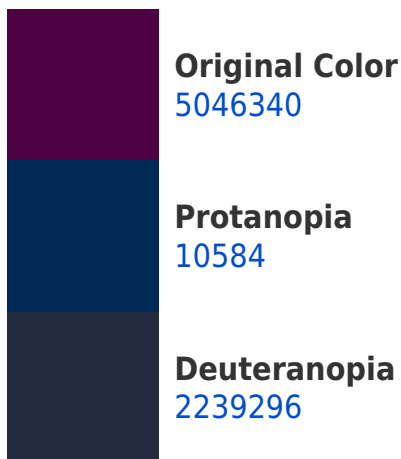



This preview shows how white text looks on a background with the Decimal color 5046340.

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
4791068

Trichromacy



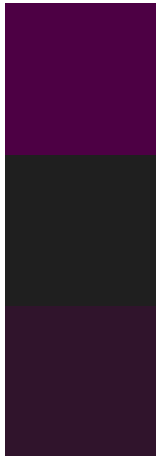
Original Color
5046340

Protanomaly
1841745

Deuteranomaly
3283777

Tritanomaly
4854059

Monochromacy



Original Color
5046340

Achromatopsia
2039583

Achromatomaly
3150892

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046340 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 #4D0044 looks like.

```
.text, #text, p{  
  color:#4D0044  
}
```

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 #4D0044 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0044
}
```

Border

The CSS property to change the border of an element to Decimal 5046340 is called "border". The border property can be set on classes, ids or directly on the HTML element.

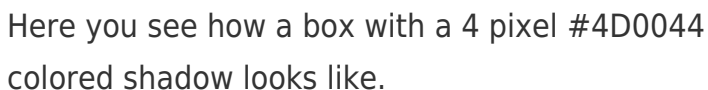
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0044 }
```

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

```
.border{ border-color:#4D0044 }
```

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



Here you see how a box with a 4 pixel #4D0044 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0044; -webkit-box-shadow:4px 4px  
4px 4px #4D0044; box-shadow:4px 4px 4px  
4px #4D0044 }
```

Background

The CSS property to change the background color of an element to Decimal 5046340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0044 }
```

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

```
.background{ background-color:#4D0044 }
```

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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