

Converting Colors

Decimal(5046354)

Have a look what the booklet for
Decimal(5046354) contains.

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Color

Decimal(5046354)

Conversions

Conversions Part 1

Format	Color
Hex	4D0052
RGB	77, 0, 82
RGB Percent	30%, 0%, 32%
CMY	0.6980, 1.0000, 0.6784
CMYK	0.06, 1.00, 0.00, 0.68
HSL	296°, 100%, 16%
HSV	296°, 100%, 32%
XYZ	4.5836, 2.1870, 8.1632
YIQ	32.3710, 19.5700, 41.8260

Conversions

Conversions Part 2

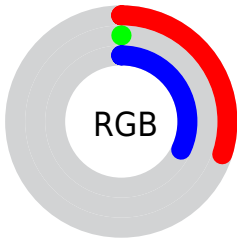
Format	Color
RYB	77, 0, 82
Decimal	5046354
CIELab	16.44, 42.17, -28.40
CIElCh	16, 50.843, 326.038
Yxy	2.1870, 0.3069, 0.1464
Android (android.graphics.Color)	4283236434 (0xFF4D0052)
YUV	32.3710, 24.4671, 39.1396
Hunter-Lab	14.7884, 29.4449, -22.3761

Details

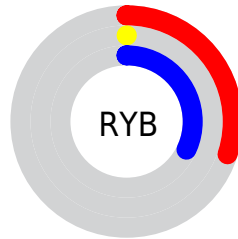
The Decimal color **5046354** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **348672**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **8468868**, and **1966117** is the 20% darker color. If you saturate the color by 10%, you get **5046354**, and if you desaturate by 10%, it is **5048402**.

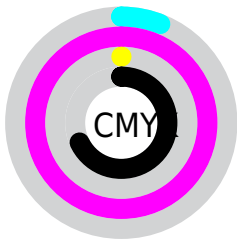
Distribution



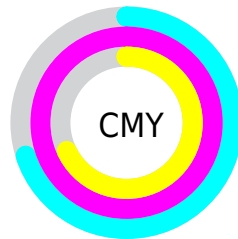
- Red (30%)
- Green (0%)
- Blue (32%)



- Red (30%)
- Yellow (0%)
- Blue (32%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (70%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046354 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 5046354 by changing the saturation by 10% instead.

 5046354

 5046354

 16774911

 3407931

 8468868

 1966117

 10244766

 12

 12086457

 0

 13928149

 15835634

 16760319

 16767487

 5046354

■ 5048402

■ 5115986

■ 5118290

■ 5185874

■ 5187922

■ 5255506

■ 5257554

■ 5325394

■ 5392978

Harmonies

Analogous

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



74091



5046354



6422575

Triad

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



5046354



3679744



14152

Complementary

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



5046354



348672

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.



13859



5046354



1257472

Square

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



5046354



5378560



13312



13670

Rectangle

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



5046354



6553624



13312



14140

Sweetspot

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



5046354



6900587



1362



3416630



11908533



3552822

Same Dimension

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



5046354



6619243



5373998



2696489



6422633



14287080

Inverse Universe

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



5373957



7012359



21028



2696485



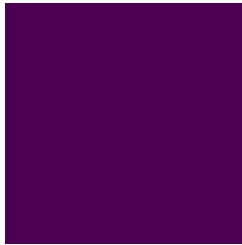
6881286



15204366

Previews

White Background



This preview shows how the Decimal color 5046354 looks on a white background.

Color Contrast Check

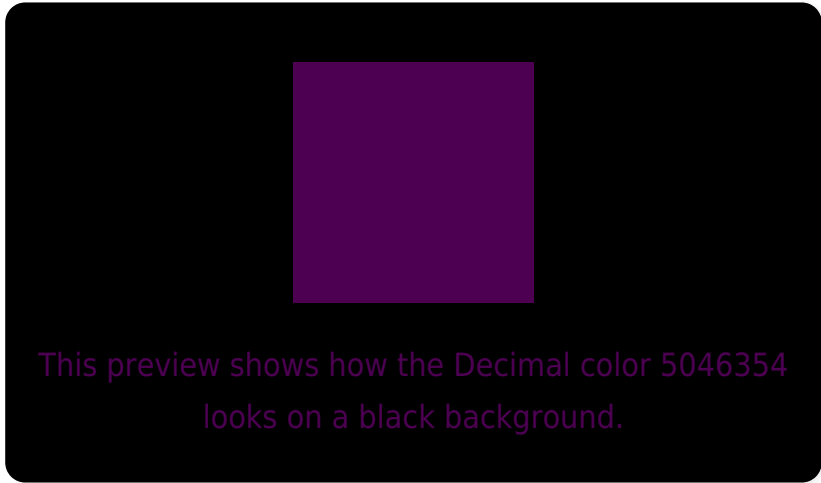
Large Text (above 18pt) WCAG AA ✓ Pass

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

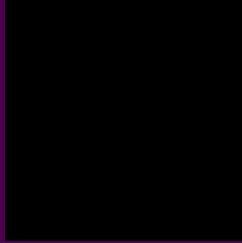
Any Text WCAG AA × Fail

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 5046354 Background



This preview shows how black text looks on a background with the Decimal color 5046354.



This preview shows how white text looks on a background with the Decimal color 5046354.

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
5046354

Protanopia
11100

Deuteranopia
1322317



Tritanopia
4661282

Trichromacy



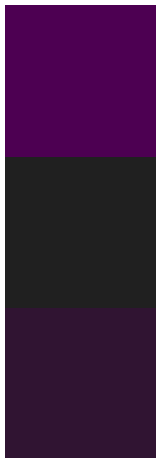
Original Color
5046354

Protanomaly
1842008

Deuteranomaly
2694479

Tritanomaly
4789299

Monochromacy



Original Color
5046354

Achromatopsia
2105376

Achromatomaly
3150898

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046354 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 #4D0052 looks like.

```
.text, #text, p{  
  color:#4D0052  
}
```

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 #4D0052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0052
}
```

Border

The CSS property to change the border of an element to Decimal 5046354 is called "border". The border property can be set on classes, ids or directly on the HTML element.

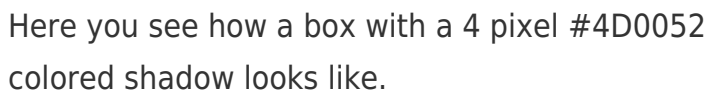
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0052 }
```

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

```
.border{ border-color:#4D0052 }
```

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



Here you see how a box with a 4 pixel #4D0052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0052; -webkit-box-shadow:4px 4px  
4px 4px #4D0052; box-shadow:4px 4px 4px  
4px #4D0052 }
```

Background

The CSS property to change the background color of an element to Decimal 5046354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0052 }
```

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

```
.background{ background-color:#4D0052 }
```

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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