

Converting Colors

Decimal(5046563)

Have a look what the booklet for
Decimal(5046563) contains.

Decimal(5046563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5046563)

Conversions

Conversions Part 1

Format	Color
Hex	4D0123
RGB	77, 1, 35
RGB Percent	30%, 0%, 14%
CMY	0.6980, 0.9961, 0.8627
CMYK	0.00, 0.99, 0.55, 0.70
HSL	333°, 97%, 15%
HSV	333°, 99%, 30%
XYZ	3.3748, 1.7208, 1.7444
YIQ	27.6000, 34.3820, 26.6860

Conversions

Conversions Part 2

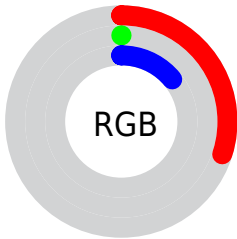
Format	Color
R_{YB}	77, 1, 35
Decimal	5046563
CIE Lab	13.95, 35.25, 1.22
CIE LCh	14, 35.272, 1.976
Yxy	1.7208, 0.4934, 0.2516
Android (android.graphics.Color)	4283236643 (0xFF4D0123)
YUV	27.6000, 3.6482, 43.3238
Hunter-Lab	13.1181, 22.9648, 1.2985

Details

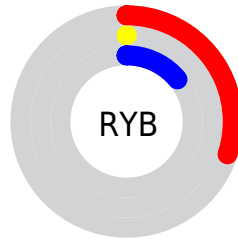
The Decimal color **5046563** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85291**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **8533583**, and **1376256** is the 20% darker color. If you saturate the color by 10%, you get **5046306**, and if you desaturate by 10%, it is **5048615**.

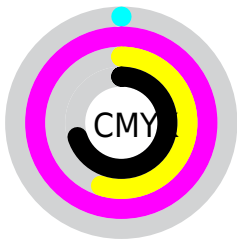
Distribution



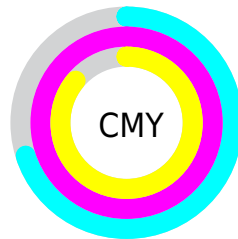
- Red (30%)
- Green (0%)
- Blue (14%)



- Red (30%)
- Yellow (0%)
- Blue (14%)



- Cyan (0%)
- Magenta (99%)
- Yellow (55%)
- Black (70%)



- Cyan (70%)
- Magenta (100%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5046563 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 5046563 by changing the saturation by 10% instead.

 5046563

 5046563

 16773631

 3473421

 8533583

 1376256

 10309479

 0

 12216448

 14058138

 16031157

 16759248

 16766445

 5046563

 5046563

■ 5046306

■ 5048615

■ 5050412

■ 5052464

■ 5054516

■ 5056568

■ 5058365

■ 5060417

■ 5062469

■ 5064265

Harmonies

Analogous

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



4262971



5046563



4917511

Triad

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



5046563



1255680



11343

Complementary

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



5046563



85291

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.



11837



5046563



11272

Square

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



5046563



2892544



11812



9813

Rectangle

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



5046563



4461568



11812



11594

Sweetspot

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



5046563



6506067



2818381



3350825



11776947



3355443

Same Dimension

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



5046563



6488108



5047553



2499108



6684718



15073383

Inverse Universe

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



5046563



6488108



84301



2499108



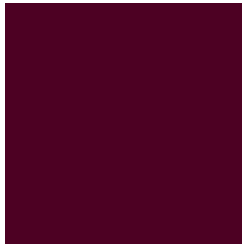
6684718



15073383

Previews

White Background



This preview shows how the Decimal color 5046563 looks on a white background.

Color Contrast Check

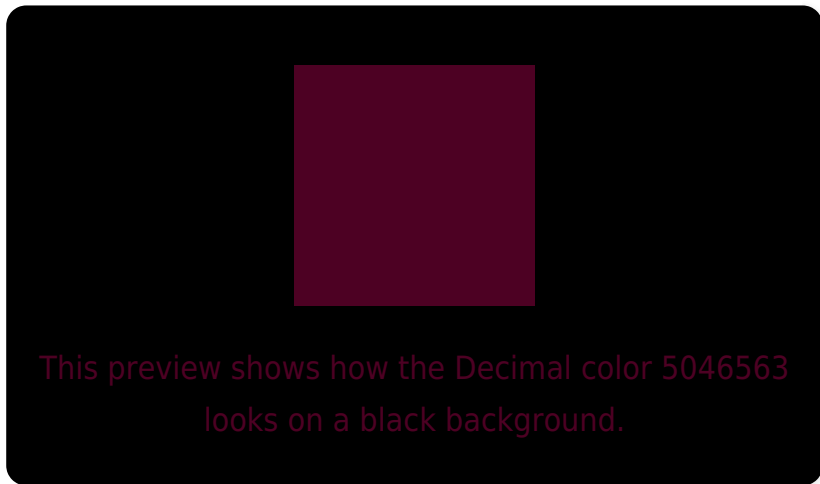
Large Text (above 18pt) WCAG AA ✓ Pass

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

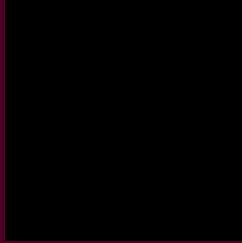
Any Text WCAG AA × Fail

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 5046563 Background



This preview shows how black text looks on a background with the Decimal color 5046563.



This preview shows how white text looks on a background with the Decimal color 5046563.

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
5046563

Protanopia
2434867

Deuteranopia
3024416



Tritanopia
4984334

Trichromacy



Original Color
5046563

Protanomaly
3414317

Deuteranomaly
3741985

Tritanomaly
4983062

Monochromacy



Original Color
5046563

Achromatopsia
1842204

Achromatomaly
3019295

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5046563 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 #4D0123 looks like.

```
.text, #text, p{  
    color:#4D0123  
}
```

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 #4D0123 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D0123
}
```

Border

The CSS property to change the border of an element to Decimal 5046563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

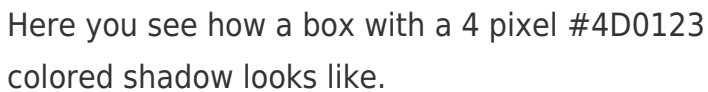
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D0123 }
```

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

```
.border{ border-color:#4D0123 }
```

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



Here you see how a box with a 4 pixel #4D0123 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D0123; -webkit-box-shadow:4px 4px  
4px 4px #4D0123; box-shadow:4px 4px 4px  
4px #4D0123 }
```

Background

The CSS property to change the background color of an element to Decimal 5046563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D0123 }
```

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

```
.background{ background-color:#4D0123 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor