

Converting Colors

Decimal(5246509)

Have a look what the booklet for
Decimal(5246509) contains.

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Color

Decimal(5246509)

Conversions

Conversions Part 1

Format	Color
Hex	500E2D
RGB	80, 14, 45
RGB Percent	31%, 5%, 18%
CMY	0.6863, 0.9451, 0.8235
CMYK	0.00, 0.82, 0.44, 0.69
HSL	332°, 70%, 18%
HSV	332°, 82%, 31%
XYZ	3.9390, 2.2090, 2.7014
YIQ	37.2680, 29.3850, 23.6330

Conversions

Conversions Part 2

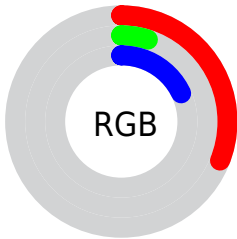
Format	Color
RYB	80, 14, 45
Decimal	5246509
CIELab	16.55, 32.74, -2.21
CIELCh	17, 32.810, 356.130
Yxy	2.2090, 0.4451, 0.2496
Android (android.graphics.Color)	4283436589 (0xFF500E2D)
YUV	37.2680, 3.8119, 37.4760
Hunter-Lab	14.8627, 21.2967, -0.3724




Details

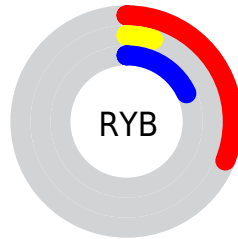
The Decimal color **5246509** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **938033**, and the grayscale version is **2434341**.




A 20% lighter version of the original color is **8667227**, and **2097153** is the 20% darker color. If you saturate the color by 10%, you get **5244457**, and if you desaturate by 10%, it is **5248561**.

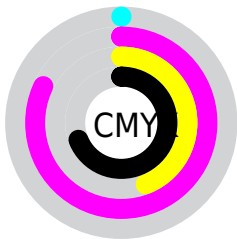
Distribution







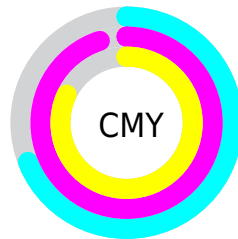
-  Red (31%)
-  Green (5%)
-  Blue (18%)






-  Red (31%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (44%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (95%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5246509 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 5246509 by changing the saturation by 10% instead.

■ 5246509

■ 5246509

■ 16776191

■ 3604505

■ 8667227

■ 2097153

■ 10508403

■ 0

■ 12284557

■ 14191783

■ 16099266

■ 16761566

■ 16768762

■ 5246509

■ 5246509

■ 5244457

■ 5248561

■ 5242918

■ 5250613

■ 5252666

■ 5254718

■ 5256770

■ 5258822

■ 5260875

■ 5262927

■ 5264979

Harmonies

Analogous

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



4331587



5246509



5312790

Triad

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



5246509



2174208



12880

Complementary

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



5246509



938033

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.



13117



5246509



12556

Square

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



5246509



3548928



13093



11608

Rectangle

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



5246509



4921603



13093



12874

Sweetspot

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



5246509



6901339



3149392



3548461



11908533



3552822

Same Dimension

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



5246509



6881586



5246734



2696487



6881329



15204461

Inverse Universe

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



5246509



6881586



937808



2696487



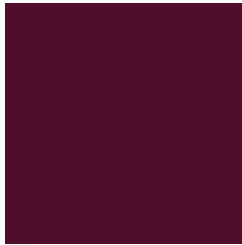
6881329



15204461

Previews

White Background



This preview shows how the Decimal color 5246509 looks on a white background.

Color Contrast Check

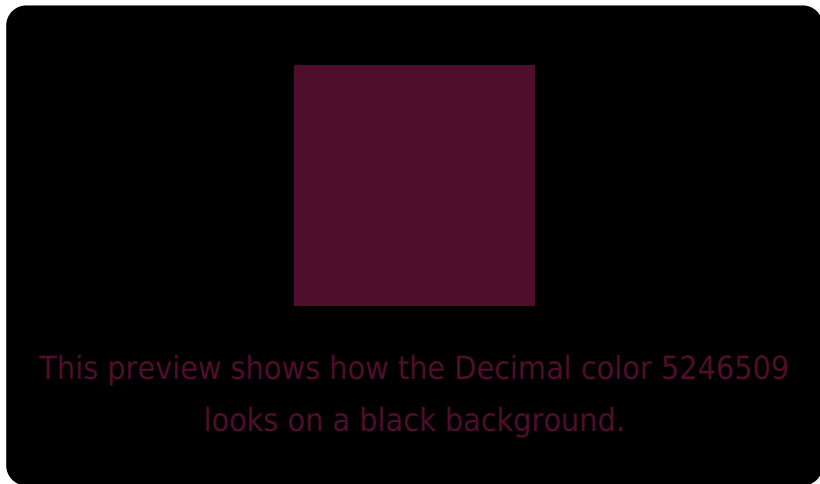
Large Text (above 18pt) WCAG AA ✓ Pass

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

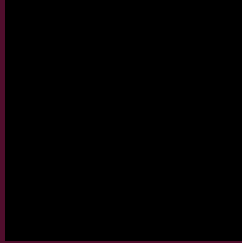
Any Text WCAG AA × Fail

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 5246509 Background



This preview shows how black text looks on a background with the Decimal color 5246509.



This preview shows how white text looks on a background with the Decimal color 5246509.

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
5246509

Protanopia
2435902

Deuteranopia
3156522



Tritanopia
5182742

Trichromacy



Original Color
5246509

Protanomaly
3481656

Deuteranomaly
3940395

Tritanomaly
5181982

Monochromacy



Original Color
5246509

Achromatopsia
2434341

Achromatomaly
3480872

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5246509 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 #500E2D looks like.

```
.text, #text, p{  
  color:#500E2D  
}
```

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 #500E2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500E2D
}
```

Border

The CSS property to change the border of an element to Decimal 5246509 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".

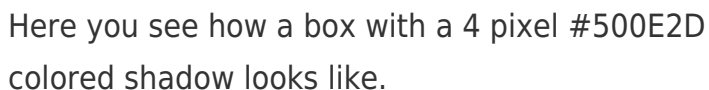
```
.border, #border, table{ border:4px solid
#500E2D }
```

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

```
.border{ border-color:#500E2D }
```

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

Here you see how a box with a 4 pixel #500E2D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #500E2D colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500E2D; -webkit-box-shadow:4px 4px  
4px 4px #500E2D; box-shadow:4px 4px 4px  
4px #500E2D }
```

Background

The CSS property to change the background color of an element to Decimal 5246509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500E2D }
```

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

```
.background{ background-color:#500E2D }
```

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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