

Converting Colors

Decimal(5245713)

Have a look what the booklet for
Decimal(5245713) contains.

Decimal(5245713)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(5245713)

Conversions

Conversions Part 1

Format	Color
Hex	500B11
RGB	80, 11, 17
RGB Percent	31%, 4%, 7%
CMY	0.6863, 0.9569, 0.9333
CMYK	0.00, 0.86, 0.79, 0.69
HSL	355°, 76%, 18%
HSV	355°, 86%, 31%
XYZ	3.5291, 1.9853, 0.7275
YIQ	32.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

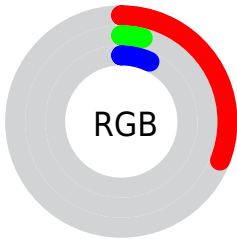
Format	Color
RYB	80, 11, 17
Decimal	5245713
CIELab	15.41, 31.42, 16.16
CIElCh	15, 35.333, 27.223
Yxy	1.9853, 0.5654, 0.3181
Android (android.graphics.Color)	4283435793 (0xFF500B11)
YUV	32.3150, -7.5503, 41.8197
Hunter-Lab	14.0900, 20.0512, 6.8017

Details

The Decimal color **5245713** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **741450**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **8797499**, and **1572865** is the 20% darker color. If you saturate the color by 10%, you get **5243658**, and if you desaturate by 10%, it is **5247768**.

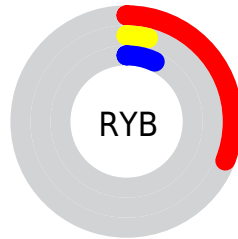
Distribution



Red (31%)

Green (4%)

Blue (7%)



Red (31%)

Yellow (4%)

Blue (7%)

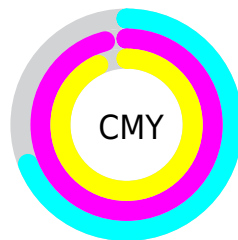


Cyan (0%)

Magenta (86%)

Yellow (79%)

Black (69%)



Cyan (69%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5245713 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 5245713 by changing the saturation by 10% instead.

 5245713

 5245713

 16775152

 3538944

 8797499

 1572865

 10638674

 0

 12545642

 14452867

 16425886

 16760760

 16767956

 5245713

 5245713

■ 5243658

■ 5247768

■ 5242887

■ 5249824

■ 5251879

■ 5253934

■ 5255990

■ 5258045

■ 5260100

■ 5262155

■ 5264211

Harmonies

Analogous

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



5244202



5245713



4594176

Triad

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



5245713



12038



11097

Complementary

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



5245713



741450

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.



12369



5245713



12579

Square

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



5245713



1780736



12605



1974612

Rectangle

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



5245713



3809792



12605



11608

Sweetspot

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



5245713



6901072



4787024



3548454



11908533



3552822

Same Dimension

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



5245713



6881289



5252875



2696485



15204372

Inverse Universe

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



5245713



6881289



734288



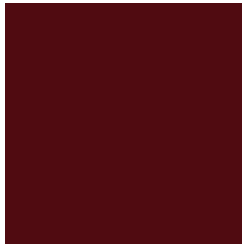
2696485



15204372

Previews

White Background



This preview shows how the Decimal color 5245713 looks on a white background.

Color Contrast Check

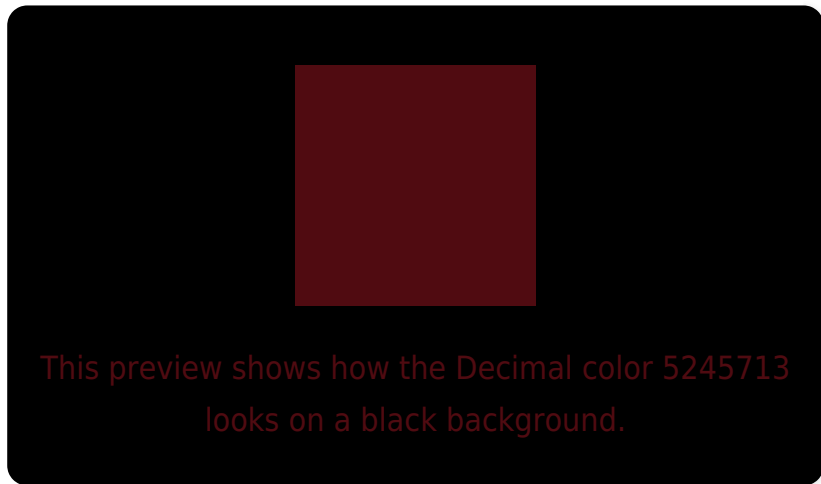
Large Text (above 18pt) WCAG AA ✓ Pass

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

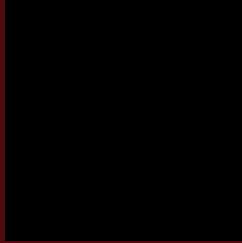
Any Text WCAG AA × Fail

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 5245713 Background



This preview shows how black text looks on a background with the Decimal color 5245713.

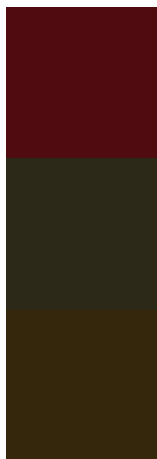


This preview shows how white text looks on a background with the Decimal color 5245713.

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


5245713

Protanopia

2959641

Deuteranopia

3417868



Tritanopia
5245963

Trichromacy



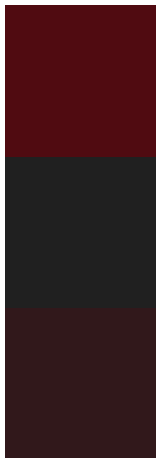
Original Color
5245713

Protanomaly
3808790

Deuteranomaly
4070670

Tritanomaly
5245965

Monochromacy



Original Color
5245713

Achromatopsia
2105376

Achromatomaly
3217435

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5245713 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 #500B11 looks like.

```
.text, #text, p{  
    color:#500B11  
}
```

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 #500B11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500B11
}
```

Border

The CSS property to change the border of an element to Decimal 5245713 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
#500B11 }
```

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

```
.border{ border-color:#500B11 }
```

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

Here you see how a box with a 4 pixel #500B11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500B11; -webkit-box-shadow:4px 4px  
4px 4px #500B11; box-shadow:4px 4px 4px  
4px #500B11 }
```

Background

The CSS property to change the background color of an element to Decimal 5245713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500B11 }
```

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

```
.background{ background-color:#500B11 }
```

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