

# Converting Colors

Decimal(5374006)

Have a look what the booklet for  
Decimal(5374006) contains.

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**Color**

**Decimal(5374006)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	520036
RGB	82, 0, 54
RGB Percent	32%, 0%, 21%
CMY	0.6784, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.34, 0.68
HSL	320°, 100%, 16%
HSV	320°, 100%, 32%
XYZ	4.1455, 2.0602, 3.6692
YIQ	30.6740, 31.5380, 34.1780

# Conversions

## Conversions Part 2

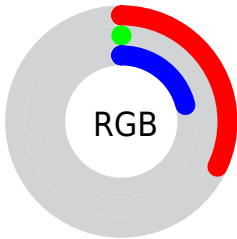
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 0, 54
Decimal	5374006
CIE <sub>Lab</sub>	15.80, 38.93, -9.77
CIE <sub>LCh</sub>	16, 40.141, 345.909
Yxy	2.0602, 0.4198, 0.2086
Android (android.graphics.Color)	4283564086 (0xFF520036)
YUV	30.6740, 11.4997, 45.0129
Hunter-Lab	14.3533, 26.4361, -5.1092

# Details

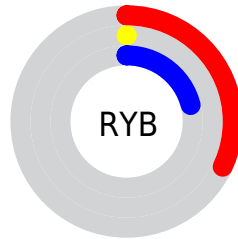
The Decimal color **5374006** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **21020**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **8861797**, and **2162695** is the 20% darker color. If you saturate the color by 10%, you get **5374006**, and if you desaturate by 10%, it is **5376057**.

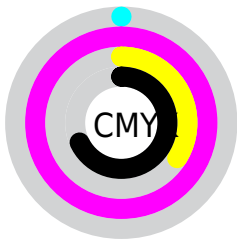
# Distribution



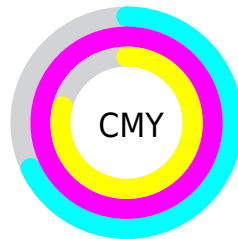
- Red (32%)
- Green (0%)
- Blue (21%)



- Red (32%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (68%)



- Cyan (68%)
- Magenta (100%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5374006 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 5374006 by changing the saturation by 10% instead.



 5374006

 5374006

 16774655

 3735585

 8861797

 2162695

 10637694

 0

 12479384

 14386610

 16294094

 16760042

 16767231

 5374006

■ 5376057

■ 5378108

■ 5380414

■ 5382465

■ 5384516

■ 5386567

■ 5388618

■ 5390924

■ 5392975

# Harmonies

## Analogous

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



3806800



5374006



5701658

# Triad

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



5374006



2370304



12880

# Complementary

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



5374006



21020

# 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.



13110



5374006



12288

# Square

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



5374006



4006144



12824



12127

# Rectangle

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



5374006



5441794



12824



13128



# Sweetspot

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



5374006



7031648



1769554



3547695



11908533



3552822



# Same Dimension

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



5374006



7012423



5373966



2696487



6881349



15204505



# Inverse Universe

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



5374006



7012423



21060



2696487



6881349

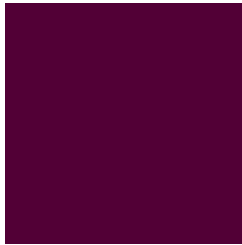


15204505



# Previews

## White Background



This preview shows how the Decimal color 5374006 looks on a white background.

## Color Contrast Check

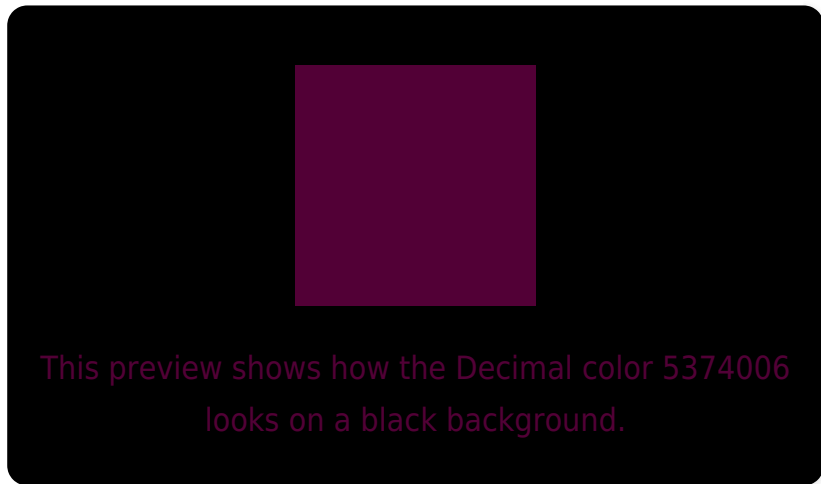
Large Text (above 18pt) WCAG AA ✓ Pass

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

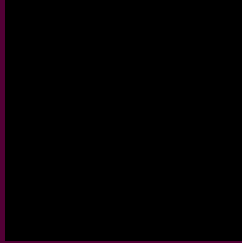
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5374006 Background



This preview shows how black text looks on a background with the Decimal color 5374006.



This preview shows how white text looks on a background with the Decimal color 5374006.

# 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**  
5374006

**Protanopia**  
1846093

**Deuteranopia**  
2960178



**Tritanopia**  
5248278

# Trichromacy



**Original Color**  
5374006

**Protanomaly**  
3152709

**Deuteranomaly**  
3808051

**Tritanomaly**  
5311778

# Monochromacy



**Original Color**  
5374006

**Achromatopsia**  
2039583

**Achromatomaly**  
3281959

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5374006 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 #520036 looks like.

```
.text, #text, p{  
    color:#520036  
}
```

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 #520036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520036
}
```

## Border

The CSS property to change the border of an element to Decimal 5374006 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".

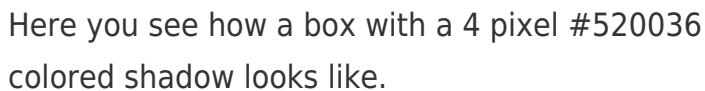
```
.border, #border, table{ border:4px solid
#520036 }
```

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

```
.border{ border-color:#520036 }
```

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

Here you see how a box with a 4 pixel #520036 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520036; -webkit-box-shadow:4px 4px  
4px 4px #520036; box-shadow:4px 4px 4px  
4px #520036 }
```

# Background

The CSS property to change the background color of an element to Decimal 5374006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520036 }
```

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

```
.background{ background-color:#520036 }
```

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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