

Converting Colors

Decimal(5384726)

Have a look what the booklet for
Decimal(5384726) contains.

Decimal(5384726)	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(5384726)

Conversions

Conversions Part 1

Format	Color
Hex	522A16
RGB	82, 42, 22
RGB Percent	32%, 16%, 9%
CMY	0.6784, 0.8353, 0.9137
CMYK	0.00, 0.49, 0.73, 0.68
HSL	20°, 58%, 20%
HSV	20°, 73%, 32%
XYZ	4.4525, 3.5077, 1.2014
YIQ	51.6800, 30.2600, 2.2600

Conversions

Conversions Part 2

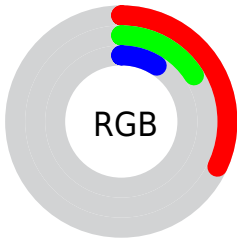
Format	Color
R_{YB}	82, 52, 22
Decimal	5384726
CIE _{Lab}	21.97, 16.57, 20.94
CIE _{LCh}	22, 26.705, 51.651
Yxy	3.5077, 0.4860, 0.3829
Android (android.graphics.Color)	4283574806 (0xFF522A16)
YUV	51.6800, -14.6322, 26.5906
Hunter-Lab	18.7288, 9.6598, 9.3068

Details

The Decimal color **5384726** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1457746**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **8869953**, and **2293760** is the 20% darker color. If you saturate the color by 10%, you get **5383438**, and if you desaturate by 10%, it is **5386014**.

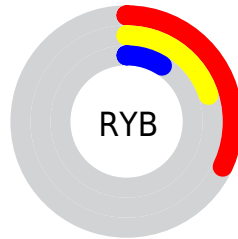
Distribution



 Red (32%)

 Green (16%)

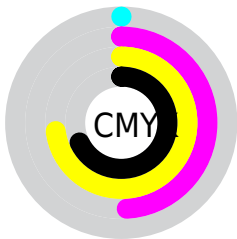
 Blue (9%)



 Red (32%)

 Yellow (20%)

 Blue (9%)

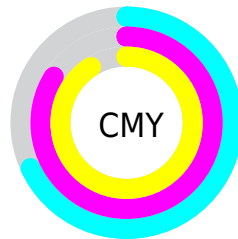



 Cyan (0%)

 Magenta (49%)

 Yellow (73%)

 Black (68%)



 Cyan (68%)

 Magenta (84%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5384726 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 5384726 by changing the saturation by 10% instead.

 5384726

 5384726

 16777209

 3806464

 8869953

 2293760

 10645849

 0

 12487282

 14394763

 16302246

 16768193

 16775389

 5384726

 5384726

■ 5383438

■ 5386014

■ 5381894

■ 5387558

■ 5380864

■ 5388847

■ 5390391

■ 5391679

■ 5393223

■ 5394511

■ 5396056

■ 5397344

Harmonies

Analogous

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



5841959



5384726



4469259

Triad

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



5384726



15918



2896473

Complementary

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



5384726



1457746

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.



14428



5384726



15939

Square

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



5384726



1653787



15699



4663629

Rectangle

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



5384726



3683851



15699



1979483

Sweetspot

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



5384726



7035732



5379646



3550248



11908533



3552822

Same Dimension

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



5384726



7023629



5392406



2696741



6890240



15224064

Inverse Universe

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



1457746



871531



1450066



2434857



18025



39912

Previews

White Background



This preview shows how the Decimal color 5384726 looks on a white background.

Color Contrast Check

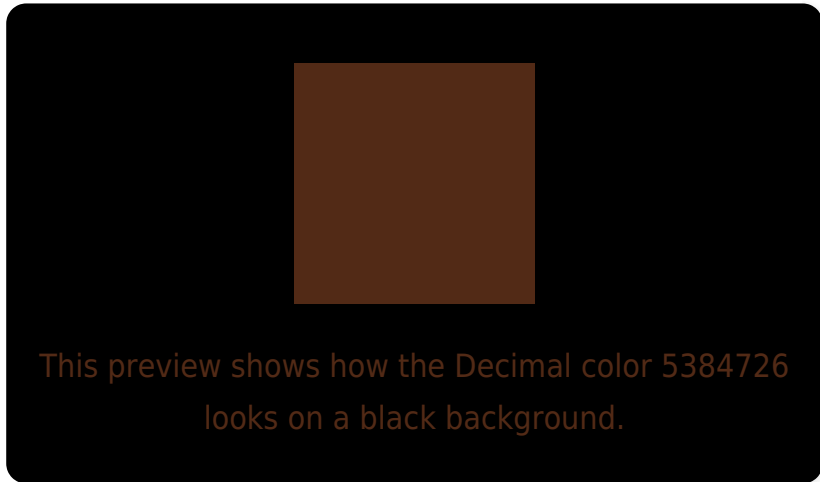
Large Text (above 18pt) WCAG AA ✓ Pass

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

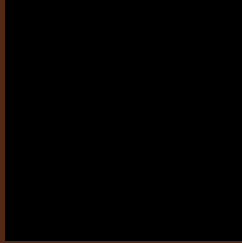
Any Text WCAG AA × Fail

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 5384726 Background



This preview shows how black text looks on a background with the Decimal color 5384726.

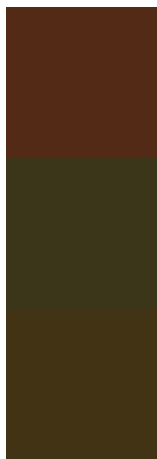


This preview shows how white text looks on a background with the Decimal color 5384726.

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
5384726

Protanopia
3880217

Deuteranopia
4338452



Tritanopia
5449770

Trichromacy



Original Color

5384726

Protanomaly

4403480

Deuteranomaly

4730901

Tritanomaly

5450019

Monochromacy



Original Color

5384726

Achromatopsia

3421236

Achromatomaly

4141097

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5384726 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 #522A16 looks like.

```
.text, #text, p{  
    color:#522A16  
}
```

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 #522A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #522A16
}
```

Border

The CSS property to change the border of an element to Decimal 5384726 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".

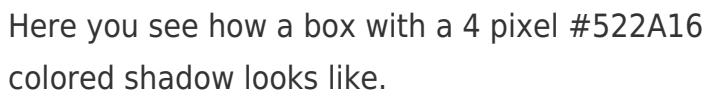
```
.border, #border, table{ border:4px solid
#522A16 }
```

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

```
.border{ border-color:#522A16 }
```

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

Here you see how a box with a 4 pixel #522A16 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #522A16; -webkit-box-shadow:4px 4px  
4px 4px #522A16; box-shadow:4px 4px 4px  
4px #522A16 }
```

Background

The CSS property to change the background color of an element to Decimal 5384726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#522A16 }
```

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

```
.background{ background-color:#522A16 }
```

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