

Converting Colors

Decimal(5376994)

Have a look what the booklet for
Decimal(5376994) contains.

Decimal(5376994)	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(5376994)

Conversions

Conversions Part 1

Format	Color
Hex	520BE2
RGB	82, 11, 226
RGB Percent	32%, 4%, 89%
CMY	0.6784, 0.9569, 0.1137
CMYK	0.64, 0.95, 0.00, 0.11
HSL	260°, 91%, 46%
HSV	260°, 95%, 89%
XYZ	17.3268, 7.5242, 72.4906
YIQ	56.7390, -26.6990, 81.9170

Conversions

Conversions Part 2

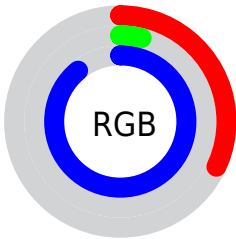
Format	Color
R _Y B	82, 11, 226
Decimal	5376994
CIE Lab	32.97, 72.42, -90.20
CIE LCh	33, 115.679, 308.760
Yxy	7.5242, 0.1780, 0.0773
Android (android.graphics.Color)	4283567074 (0xFF520BE2)
YUV	56.7390, 83.4457, 22.1539
Hunter-Lab	27.4302, 64.7500, -137.4862

Details

The Decimal color **5376994** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **10215947**, and the grayscale version is **3684408**.

A 20% lighter version of the original color is **9784831**, and **169** is the 20% darker color. If you saturate the color by 10%, you get **4915426**, and if you desaturate by 10%, it is **6365922**.

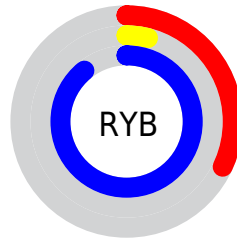
Distribution



Red (32%)

Green (4%)

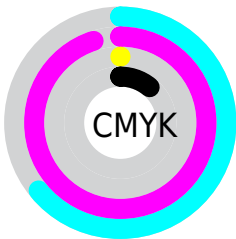
Blue (89%)



Red (32%)

Yellow (4%)

Blue (89%)

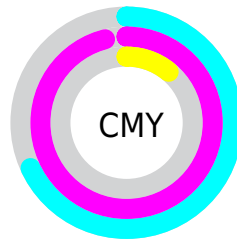


Cyan (64%)

Magenta (95%)

Yellow (0%)

Black (11%)



Cyan (68%)




















Magenta (96%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5376994 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 5376994 by changing the saturation by 10% instead.

 5376994	 5376994
 16777215	 2490565
 9784831	 169
 11888895	 141
 13927679	 115
 16031999	 3417
 16760063	 1856
 16767487	 809
 16774911	 275
	 0

■ 5376994

■ 5376994

■ 4915426

■ 6365922

■ 7354594

■ 8343522

■ 9397730

■ 10386658

■ 11375586

■ 12364258

■ 13353186

■ 14341858

Harmonies

Analogous

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



22783



5376994



12779666

Triad

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



5376994



9513216



26984

Complementary

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



5376994



10215947

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.



26112



5376994



4674560

Square

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



5376994



12910592



25088



27842

Rectangle

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



5376994



14286934



25088



26696

Sweetspot

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



5376994



13481471



761570



6443904



0



8421504

Same Dimension

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



5376994



5505279



12258274



6907248



3801264



1048624

Inverse Universe

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



14814107



16711851



3334667



7365996



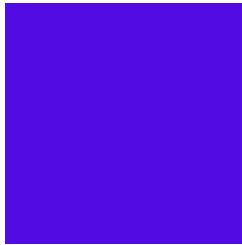
11534454



3145760

Previews

White Background



This preview shows how the Decimal color 5376994 looks on a white background.

Color Contrast Check

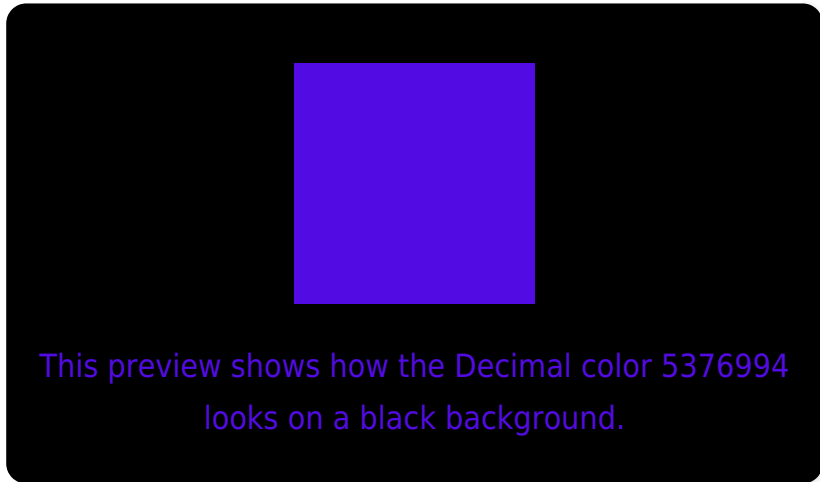
Large Text (above 18pt) WCAG AA ✓ Pass

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

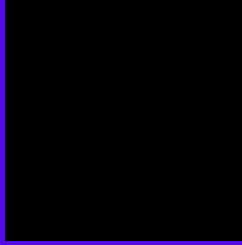
Any Text WCAG AA × Fail

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 5376994 Background



This preview shows how black text looks on a background with the Decimal color 5376994.

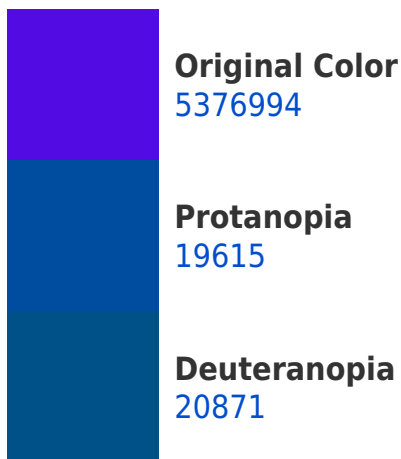


This preview shows how white text looks on a background with the Decimal color 5376994.

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



Trichromacy



Original Color
5376994

Protanomaly
1979575

Deuteranomaly
1980584

Tritanomaly
1981325

Monochromacy



Original Color
5376994

Achromatopsia
3750201

Achromatomaly
4335734

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5376994 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 #520BE2 looks like.

```
.text, #text, p{  
    color:#520BE2  
}
```

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 #520BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #520BE2
}
```

Border

The CSS property to change the border of an element to Decimal 5376994 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
#520BE2 }
```

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

```
.border{ border-color:#520BE2 }
```

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

Here you see how a box with a 4 pixel #520BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #520BE2; -webkit-box-shadow:4px 4px  
4px 4px #520BE2; box-shadow:4px 4px 4px  
4px #520BE2 }
```

Background

The CSS property to change the background color of an element to Decimal 5376994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#520BE2 }
```

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

```
.background{ background-color:#520BE2 }
```

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