

Converting Colors

Decimal(5329346)

Have a look what the booklet for
Decimal(5329346) contains.

Decimal(5329346)	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(5329346)

Conversions

Conversions Part 1

Format	Color
Hex	5151C2
RGB	81, 81, 194
RGB Percent	32%, 32%, 76%
CMY	0.6824, 0.6824, 0.2392
CMYK	0.58, 0.58, 0.00, 0.24
HSL	240°, 48%, 54%
HSV	240°, 58%, 76%
XYZ	16.0734, 11.5292, 52.4171
YIQ	93.8820, -36.2730, 35.1430

Conversions

Conversions Part 2

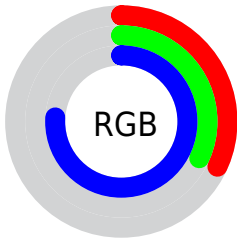
Format	Color
RYB	81, 81, 194
Decimal	5329346
CIELab	40.46, 33.15, -59.41
CIELCh	40, 68.028, 299.159
Yxy	11.5292, 0.2009, 0.1441
Android (android.graphics.Color)	4283519426 (0xFF5151C2)
YUV	93.8820, 49.3582, -11.2975
Hunter-Lab	33.9547, 25.0770, -67.7598

Details

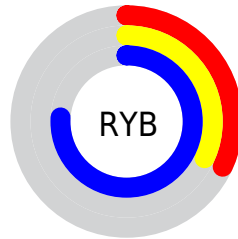
The Decimal color **5329346** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **12763729**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **9208827**, and **9355** is the 20% darker color. If you saturate the color by 10%, you get **4079298**, and if you desaturate by 10%, it is **6579394**.

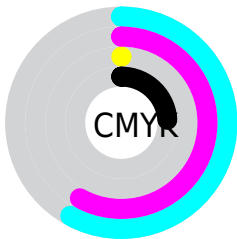
Distribution



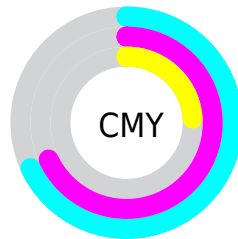
- Red (32%)
- Green (32%)
- Blue (76%)



- Red (32%)
- Yellow (32%)
- Blue (76%)



- Cyan (58%)
- Magenta (58%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (68%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5329346 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 5329346 by changing the saturation by 10% instead.

■ 5329346

■ 5329346

16777215

■ 3226278

■ 9208827

■ 9355

■ 11116031

■ 4209

■ 13023487

■ 88

■ 14996479

■ 1856

■ 16773375

■ 809

■ 274

■ 0

■ 5329346

■ 5329346

■ 4079298

■ 6579394

■ 2763458

■ 7895234

■ 1513410

■ 9145282

■ 197570

■ 10461122

■ 194

■ 11711170

■ 12961218

■ 14277058

■ 15527106

■ 16777154

Harmonies

Analogous

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



26576



5329346



10366617

Triad

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



5329346



10503168



30300

Complementary

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



5329346



12763729

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.



29472



5329346



7757056

Square

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



5329346



12197421



4090624



30613

Rectangle

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



5329346



11930998



4090624



30025

Sweetspot

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



5329346



13816572



5358274



6710912



0



8421504

Same Dimension

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



5329346



5000444



8999362



5724001



161



33

Inverse Universe

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



12734914



16534780



9028177



6379361



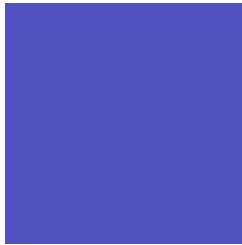
10551457



2162721

Previews

White Background



This preview shows how the Decimal color 5329346 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 × Fail

Black Background



This preview shows how the Decimal color 5329346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 5329346 Background



This preview shows how black text looks on a background with the Decimal color 5329346.



This preview shows how white text looks on a background with the Decimal color 5329346.

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





Tritanopia
3106672

Trichromacy



Original Color
5329346

Protanomaly
1923267

Deuteranomaly
1924018

Tritanomaly
3891086

Monochromacy



Original Color
5329346

Achromatopsia
6184542

Achromatomaly
5855618

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5329346 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 #5151C2 looks like.

```
.text, #text, p{  
    color:#5151C2  
}
```

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 #5151C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5151C2
}
```

Border

The CSS property to change the border of an element to Decimal 5329346 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".

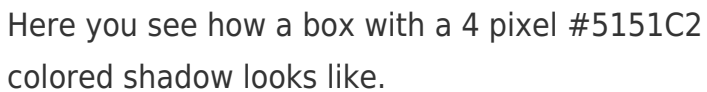
```
.border, #border, table{ border:4px solid
#5151C2 }
```

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

```
.border{ border-color:#5151C2 }
```

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

Here you see how a box with a 4 pixel #5151C2 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5151C2; -webkit-box-shadow:4px 4px  
4px 4px #5151C2; box-shadow:4px 4px 4px  
4px #5151C2 }
```

Background

The CSS property to change the background color of an element to Decimal 5329346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5151C2 }
```

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

```
.background{ background-color:#5151C2 }
```

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