

Converting Colors

Decimal(5276099)

Have a look what the booklet for
Decimal(5276099) contains.

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Color

Decimal(5276099)

Conversions

Conversions Part 1

Format	Color
Hex	5081C3
RGB	80, 129, 195
RGB Percent	31%, 51%, 76%
CMY	0.6863, 0.4941, 0.2353
CMYK	0.59, 0.34, 0.00, 0.24
HSL	214°, 49%, 54%
HSV	214°, 59%, 76%
XYZ	21.0088, 21.3461, 54.6427
YIQ	121.8730, -50.3900, 10.1380

Conversions

Conversions Part 2

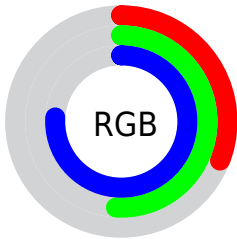
Format	Color
R _Y B	80, 114, 195
Decimal	5276099
CIE Lab	53.33, 3.49, -39.41
CIE LCh	53, 39.562, 275.067
Yxy	21.3461, 0.2166, 0.2201
Android (android.graphics.Color)	4283466179 (0xFF5081C3)
YUV	121.8730, 36.0516, -36.7226
Hunter-Lab	46.2019, 0.3140, -37.7807

Details

The Decimal color **5276099** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **12816976**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **9025276**, and **20621** is the 20% darker color. If you saturate the color by 10%, you get **4028099**, and if you desaturate by 10%, it is **6524099**.

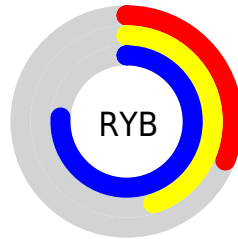
Distribution



Red (31%)

Green (51%)

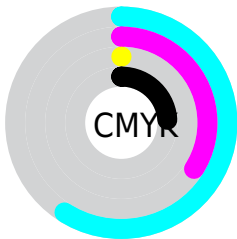
Blue (76%)



Red (31%)

Yellow (45%)

Blue (76%)

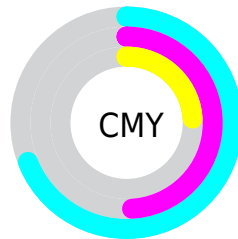


Cyan (59%)

Magenta (34%)

Yellow (0%)

Black (24%)



Cyan (69%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5276099 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 5276099 by changing the saturation by 10% instead.

■ 5276099

■ 5276099

16777215

■ 3238056

■ 9025276

■ 20621

■ 10932735

■ 14963

■ 12840447

■ 9562

■ 14745599

■ 3906

16711679

■ 811

■ 278

■ 0

■ 5276099

■ 5276099

■ 4028099

■ 6524099

■ 2714563

■ 7837635

■ 1400771

■ 9085891

■ 152771

■ 10399427

■ 21443

■ 11712963

■ 12960963

■ 14274499

■ 15522755

■ 16770755

Harmonies

Analogous

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



35516



5276099



9073847

Triad

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



5276099



12347482



4034401

Complementary

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



5276099



12816976

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.



6981958



5276099



11236162

Square

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



5276099



12542843



9338681



37252

Rectangle

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



5276099



10775719



9338681



5147991

Sweetspot

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



5276099



13624060



5292945



6516608



0



8421504

Same Dimension

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



5276099



4822780



5787843



5725025



17569



3617

Inverse Universe

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



12800129



16533910



12305232



6379355



10551364



2162702

Previews

White Background



This preview shows how the Decimal color 5276099 looks on a white 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

Black Background



This preview shows how the Decimal color 5276099 looks on a black 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

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

Decimal 5276099 Background



This preview shows how black text looks on a background with the Decimal color 5276099.



This preview shows how white text looks on a background with the Decimal color 5276099.

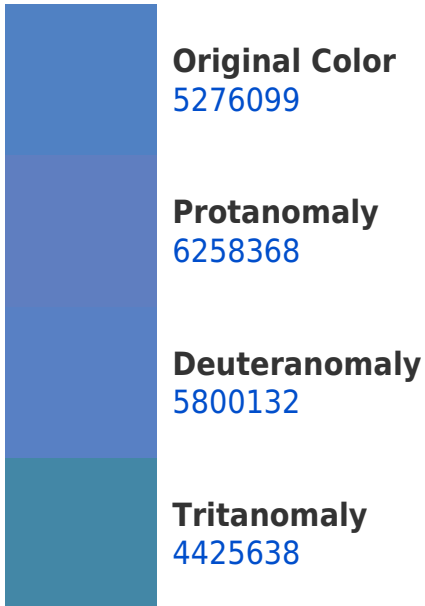
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5276099 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 #5081C3 looks like.

```
.text, #text, p{  
    color:#5081C3  
}
```

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 #5081C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5081C3
}
```

Border

The CSS property to change the border of an element to Decimal 5276099 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
#5081C3 }
```

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

```
.border{ border-color:#5081C3 }
```

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

Here you see how a box with a 4 pixel #5081C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5081C3; -webkit-box-shadow:4px 4px  
4px 4px #5081C3; box-shadow:4px 4px 4px  
4px #5081C3 }
```

Background

The CSS property to change the background color of an element to Decimal 5276099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5081C3 }
```

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

```
.background{ background-color:#5081C3 }
```

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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