

Converting Colors

Decimal(5716421)

Have a look what the booklet for
Decimal(5716421) contains.

Decimal(5716421)	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>	28

Color

Decimal(5716421)

Conversions

Conversions Part 1

Format	Color
Hex	5739C5
RGB	87, 57, 197
RGB Percent	34%, 22%, 77%
CMY	0.6588, 0.7765, 0.2275
CMYK	0.56, 0.71, 0.00, 0.23
HSL	253°, 55%, 50%
HSV	253°, 71%, 77%
XYZ	15.4717, 8.9837, 53.7419
YIQ	81.9300, -27.0600, 49.9000

Conversions

Conversions Part 2

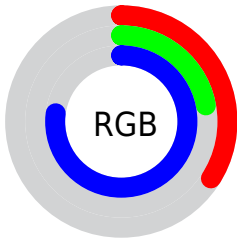
Format	Color
R_{YB}	87, 57, 197
Decimal	5716421
CIE _{Lab}	35.95, 49.07, -68.48
CIE _{LCh}	36, 84.248, 305.622
Yxy	8.9837, 0.1979, 0.1149
Android (android.graphics.Color)	4283906501 (0xFF5739C5)
YUV	81.9300, 56.7295, 4.4464
Hunter-Lab	29.9728, 39.6873, -85.3272

Details

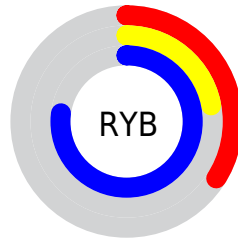
The Decimal color **5716421** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **10995001**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9661439**, and **67214** is the 20% darker color. If you saturate the color by 10%, you get **4728261**, and if you desaturate by 10%, it is **6704581**.

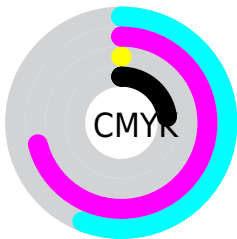
Distribution



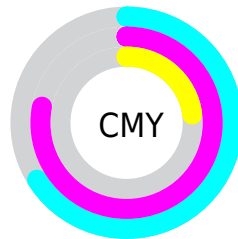
- Red (34%)
- Green (22%)
- Blue (77%)



- Red (34%)
- Yellow (22%)
- Blue (77%)



- Cyan (56%)
- Magenta (71%)
- Yellow (0%)
- Black (23%)



- Cyan (66%)
- Magenta (78%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5716421 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 5716421 by changing the saturation by 10% instead.



5716421



5716421

16777215



3547561



9661439



67214



11568639



115



13541631



90



15514623



1857



16766975



810



16774399



276



0



5716421



5716421

■ 4728261

■ 6704581

■ 3674821

■ 7758021

■ 2752709

■ 8746181

■ 9799877

■ 10788037

■ 11841477

■ 12829637

■ 13883333

■ 14871237

Harmonies

Analogous

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



23519



5716421



11141262

Triad

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



5716421



9582848



28000

Complementary

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



5716421



10995001

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.



27411



5716421



6117120

Square

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



5716421



11993094



25856



28323

Rectangle

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



5716421



12517474



25856



27976

Sweetspot

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



5716421



14010879



3779013



6709376



0



8421504

Same Dimension

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



5716421



5580543



10172869



6052451



2293923



524324

Inverse Universe

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



12925351



16721617



6538553



6511201



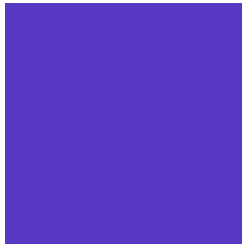
10682496



2359324

Previews

White Background



This preview shows how the Decimal color 5716421 looks on a white background.

Color Contrast Check

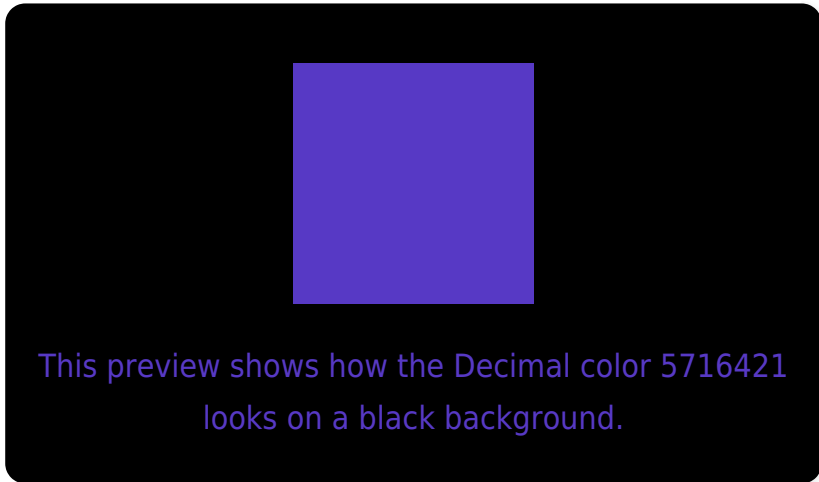
Large Text (above 18pt) WCAG AA ✓ Pass

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

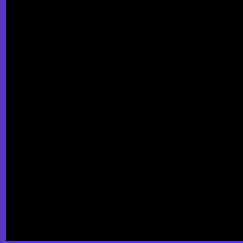
Any Text WCAG AA × Fail

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 5716421 Background



This preview shows how black text looks on a background with the Decimal color 5716421.

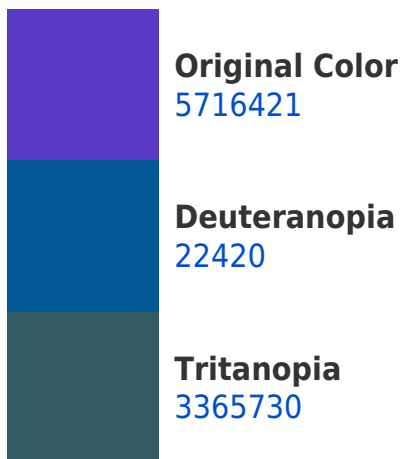


This preview shows how white text looks on a background with the Decimal color 5716421.

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
5716421

Deuteranomaly
2116774

Tritanomaly
4214662

Monochromacy



Original Color
5716421

Achromatopsia
5395026

Achromatomaly
5523836

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5716421 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 #5739C5 looks like.

```
.text, #text, p{  
    color:#5739C5  
}
```

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 #5739C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5739C5
}
```

Border

The CSS property to change the border of an element to Decimal 5716421 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
#5739C5 }
```

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

```
.border{ border-color:#5739C5 }
```

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

Here you see how a box with a 4 pixel #5739C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5739C5; -webkit-box-shadow:4px 4px  
4px 4px #5739C5; box-shadow:4px 4px 4px  
4px #5739C5 }
```

Background

The CSS property to change the background color of an element to Decimal 5716421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5739C5 }
```

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

```
.background{ background-color:#5739C5 }
```

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