

Converting Colors

Decimal(5336521)

Have a look what the booklet for
Decimal(5336521) contains.

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Color

Decimal(5336521)

Conversions

Conversions Part 1

Format	Color
Hex	516DC9
RGB	81, 109, 201
RGB Percent	32%, 43%, 79%
CMY	0.6824, 0.5725, 0.2118
CMYK	0.60, 0.46, 0.00, 0.21
HSL	226°, 53%, 55%
HSV	226°, 60%, 79%
XYZ	19.4046, 16.9037, 57.4983
YIQ	111.1160, -46.2200, 22.6760

Conversions

Conversions Part 2

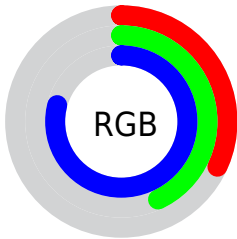
Format	Color
R_{YB}	81, 104, 201
Decimal	5336521
CIE _{Lab}	48.14, 17.96, -51.07
CIE _{LCh}	48, 54.138, 289.370
Yxy	16.9037, 0.2069, 0.1802
Android (android.graphics.Color)	4283526601 (0xFF516DC9)
YUV	111.1160, 44.3128, -26.4117
Hunter-Lab	41.1141, 12.2970, -54.1377

Details

The Decimal color **5336521** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **13217105**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **9150719**, and **16018** is the 20% darker color. If you saturate the color by 10%, you get **4021961**, and if you desaturate by 10%, it is **6651081**.

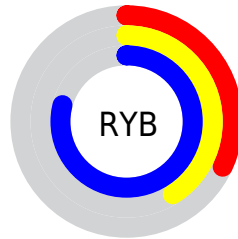
Distribution



Red (32%)

Green (43%)

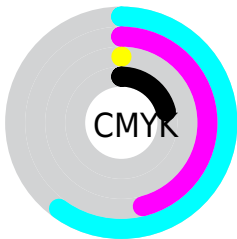
Blue (79%)



Red (32%)

Yellow (41%)

Blue (79%)

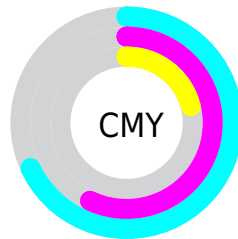


Cyan (60%)

Magenta (46%)

Yellow (0%)

Black (21%)



Cyan (68%)

Magenta (57%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5336521 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 5336521 by changing the saturation by 10% instead.

■ 5336521

■ 5336521

16777215

■ 3233197

■ 9150719

■ 16018

■ 11058175

■ 10616

■ 13031423

■ 5727

■ 14939135

■ 70

■ 1071

■ 281

■ 0

■ 5336521

■ 5336521

■ 4021961

■ 6651081

■ 2707145

■ 7965897

■ 1392585

■ 9280457

■ 77769

■ 10595273

■ 12233

■ 11975369

■ 13289929

■ 14604745

■ 15919305

■ 16775369

Harmonies

Analogous

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



31948



5336521



10049710

Triad

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



5336521



11884333



34656

Complementary

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



5336521



13217105

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.



3310131



5336521



9857545

Square

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



5336521



12863319



7174410



34959

Rectangle

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



5336521



11816083



7174410



34384

Sweetspot

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



5336521



13753599



5360045



6515328



0



8421504

Same Dimension

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



5336521



4682495



7426505



5921891



9891



2084

Inverse Universe

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



13193581



16729970



11127121



6511196



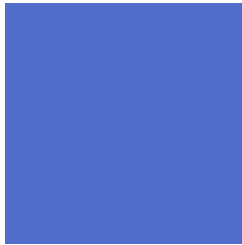
10682406



2359304

Previews

White Background



This preview shows how the Decimal color 5336521 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 5336521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

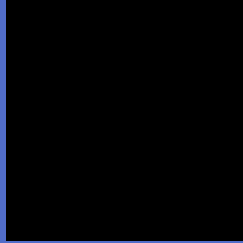
Any Text WCAG AA × Fail

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 5336521 Background



This preview shows how black text looks on a background with the Decimal color 5336521.



This preview shows how white text looks on a background with the Decimal color 5336521.

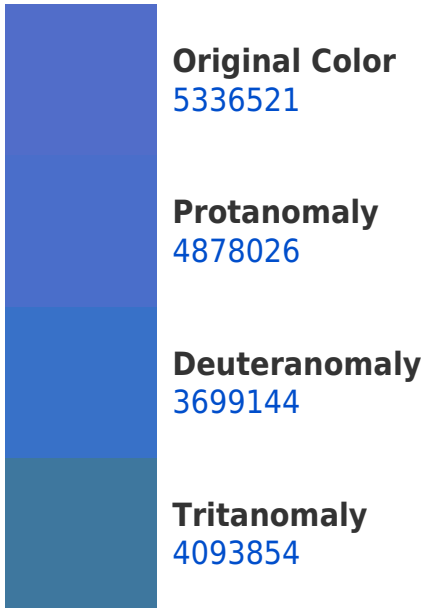
Color Blindness Simulation

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 5336521 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 #516DC9 looks like.

```
.text, #text, p{  
    color:#516DC9  
}
```

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 #516DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516DC9
}
```

Border

The CSS property to change the border of an element to Decimal 5336521 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".

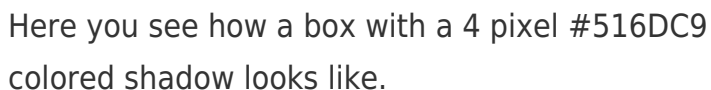
```
.border, #border, table{ border:4px solid
#516DC9 }
```

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

```
.border{ border-color:#516DC9 }
```

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

Here you see how a box with a 4 pixel #516DC9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border on the top, bottom, and left sides. The right side of the box is open, showing a blue shadow that extends to the right and slightly downwards.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516DC9; -webkit-box-shadow:4px 4px  
4px 4px #516DC9; box-shadow:4px 4px 4px  
4px #516DC9 }
```

Background

The CSS property to change the background color of an element to Decimal 5336521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516DC9 }
```

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

```
.background{ background-color:#516DC9 }
```

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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