

Converting Colors

Hex(5136CD)

Have a look what the booklet for
Hex(5136CD) contains.

Hex(5136CD)	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

Hex(5136CD)

Conversions

Conversions Part 1

Format	Color
Hex	5136CD
RGB	81, 54, 205
RGB Percent	32%, 21%, 80%
CMY	0.6824, 0.7882, 0.1961
CMYK	0.60, 0.74, 0.00, 0.20
HSL	251°, 60%, 51%
HSV	251°, 74%, 80%
XYZ	15.7320, 8.7954, 58.6261
YIQ	79.2870, -32.3790, 52.6850

Conversions

Conversions Part 2

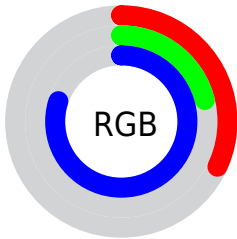
Format	Color
R_{YB}	81, 54, 205
Decimal	5322445
CIE _{Lab}	35.59, 52.17, -73.76
CIE _{LCh}	36, 90.346, 305.269
Yxy	8.7954, 0.1892, 0.1058
Android (android.graphics.Color)	4283512525 (0xFF5136CD)
YUV	79.2870, 61.9765, 1.5023
Hunter-Lab	29.6571, 42.7874, -96.4444

Details

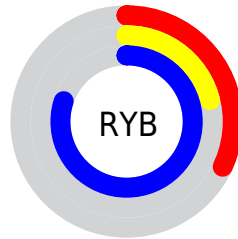
The Hex color **5136CD** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B2CD36**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8F68FF**, and **000295** is the 20% darker color. If you saturate the color by 10%, you get **4022CD**, and if you desaturate by 10%, it is **624BCD**.

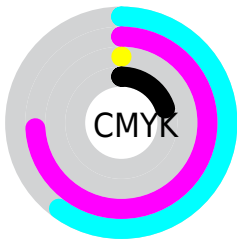
Distribution



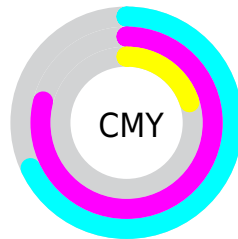
- Red (32%)
- Green (21%)
- Blue (80%)



- Red (32%)
- Yellow (21%)
- Blue (80%)



- Cyan (60%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)




- Cyan (68%)
- Magenta (79%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5136CD 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 Hex color 5136CD by changing the saturation by 10% instead.

 5136CD

 5136CD

FFFFFF

 2C1DB1

 8F68FF

 000295

 AD82FF

 00007B

 CB9DFF

 000061

 EAB8FF

 000848

 FFD4FF


 000430

 FFF1FF

 00011B

 000000

 5136CD

 5136CD

■ 4022CD

■ 624BCD

■ 2F0DCD

■ 735FCD

■ 2500CD

■ 8474CD

■ 9488CD

■ A59DCD

■ B6B1CD

■ C7C6CD

■ D8DACD

■ E9EFCD

Harmonies

Analogous

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



005CE9



5136CD



AE0092

Triad

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



5136CD



953500



006D5F

Complementary

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



5136CD



B2CD36

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.



006A08



5136CD



5C5600

Square

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



5136CD



BC0000



006400



006EA7

Rectangle

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



5136CD



C50063



006400



006C46

Sweetspot

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



5136CD



D1C7FF



36B4CD



645E80



000000



808080

Same Dimension

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



5136CD



471FFF



9B36CD



5E5C66



1E00A6



070026

Inverse Universe

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



CD36B2



FF1FD7



68CD36



665C64



A60088



26001F

Previews

White Background



This preview shows how the Hex color 5136CD 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

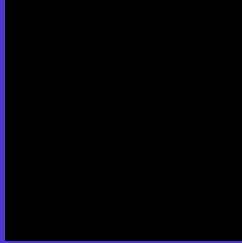
Any Text WCAG AA × Fail

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](#).

Hex 5136CD Background



This preview shows how black text looks on a background with the Hex color 5136CD.

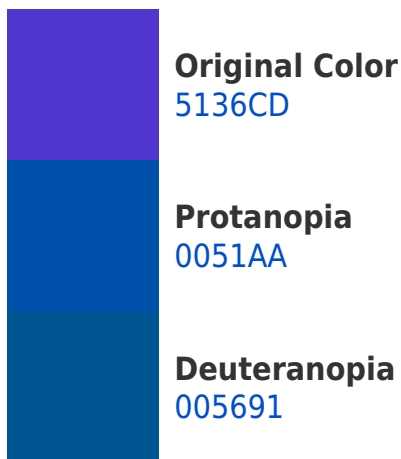



This preview shows how white text looks on a background with the Hex color 5136CD.

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
1D5C63

Trichromacy



Original Color
5136CD

Protanomaly
1D47B7

Deuteranomaly
1D4AA7

Tritanomaly
304E8A

Monochromacy



Original Color
5136CD

Achromatopsia
4F4F4F

Achromatomaly
50467D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5136CD 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 #5136CD looks like.

```
.text, #text, p{  
    color:#5136CD  
}
```

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 #5136CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5136CD
}
```

Border

The CSS property to change the border of an element to Hex 5136CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

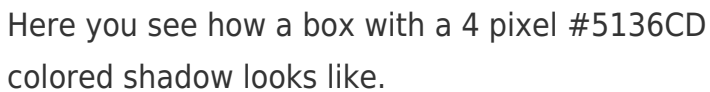
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5136CD }
```

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

```
.border{ border-color:#5136CD }
```

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



Here you see how a box with a 4 pixel #5136CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5136CD; -webkit-box-shadow:4px 4px  
4px 4px #5136CD; box-shadow:4px 4px 4px  
4px #5136CD }
```

Background

The CSS property to change the background color of an element to Hex 5136CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5136CD }
```

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

```
.background{ background-color:#5136CD }
```

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