

Converting Colors

Hex(5232CA)

Have a look what the booklet for
Hex(5232CA) contains.

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Color

Hex(5232CA)

Conversions

Conversions Part 1

Format	Color
Hex	5232CA
RGB	82, 50, 202
RGB Percent	32%, 20%, 79%
CMY	0.6784, 0.8039, 0.2078
CMYK	0.59, 0.75, 0.00, 0.21
HSL	253°, 60%, 49%
HSV	253°, 75%, 79%
XYZ	15.2809, 8.3393, 56.6814
YIQ	76.8960, -29.7200, 54.0560

Conversions

Conversions Part 2

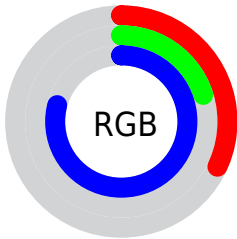
Format	Color
R _Y B	82, 50, 202
Decimal	5386954
CIE Lab	34.68, 53.43, -73.51
CIE LCh	35, 90.876, 306.012
Yxy	8.3393, 0.1903, 0.1038
Android (android.graphics.Color)	4283577034 (0xFF5232CA)
YUV	76.8960, 61.6763, 4.4762
Hunter-Lab	28.8779, 43.9184, -96.1597

Details

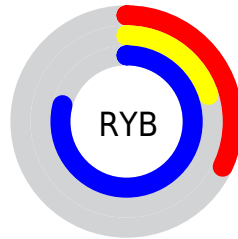
The Hex color **5232CA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **AACA32**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9064FF**, and **000092** is the 20% darker color. If you saturate the color by 10%, you get **421ECA**, and if you desaturate by 10%, it is **6246CA**.

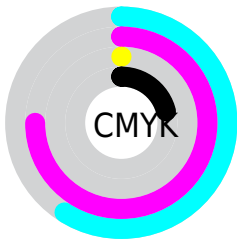
Distribution



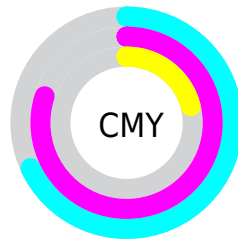
- Red (32%)
- Green (20%)
- Blue (79%)



- Red (32%)
- Yellow (20%)
- Blue (79%)



- Cyan (59%)
- Magenta (75%)
- Yellow (0%)
- Black (21%)



- Cyan (68%)
- Magenta (80%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5232CA 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 5232CA by changing the saturation by 10% instead.

■ 5232CA

■ 5232CA

FFFFFF

■ 2E19AE

■ 9064FF

■ 000092

■ AE7EFF

■ 000078

■ CC99FF

■ 00005E

■ EAB4FF

■ 000845

■ FFD0FF

■ 00042E

■ FFEDFF

■ 000118

■ 000000

■ 5232CA

■ 5232CA

■ 421ECA

■ 6246CA

■ 320ACA

■ 725ACA

■ 2B00CA

■ 826FCA

■ 9283CA

■ A297CA

■ B2ABCA

■ C2BFCA

■ D2D4CA

■ E2E8CA

Harmonies

Analogous

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



0059E7



5232CA



AD008E

Triad

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



5232CA



913300



006B5F

Complementary

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



5232CA



AAC32

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.



006808



5232CA



585400

Square

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



5232CA



B90000



006200



006CA7

Rectangle

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



5232CA



C3005F



006200



006A46

Sweetspot

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



5232CA



D1C4FF



32ACCA



635C80



000000



808080

Same Dimension

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



5232CA



4A19FF



9C32CA



5E5C66



2300A6



080026

Inverse Universe

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



CA32AA



FF19CF



60CA32



665C64



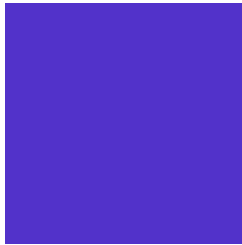
A60083



26001E

Previews

White Background



This preview shows how the Hex color 5232CA 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

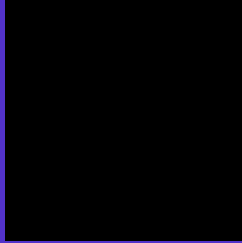
Any Text WCAG AA × Fail

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 5232CA Background



This preview shows how black text looks on a background with the Hex color 5232CA.

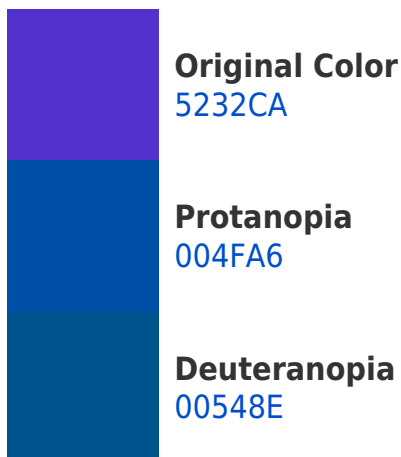



This preview shows how white text looks on a background with the Hex color 5232CA.

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
225960

Trichromacy



Original Color
5232CA

Protanomaly
1E44B3

Deuteranomaly
1E48A4

Tritanomaly
334B87

Monochromacy



Original Color
5232CA

Achromatopsia
4D4D4D

Achromatomaly
4F437A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5232CA 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 #5232CA looks like.

```
.text, #text, p{  
    color:#5232CA  
}
```

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 #5232CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5232CA
}
```

Border

The CSS property to change the border of an element to Hex 5232CA 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
#5232CA }
```

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

```
.border{ border-color:#5232CA }
```

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

Here you see how a box with a 4 pixel #5232CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5232CA; -webkit-box-shadow:4px 4px  
4px 4px #5232CA; box-shadow:4px 4px 4px  
4px #5232CA }
```

Background

The CSS property to change the background color of an element to Hex 5232CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5232CA }
```

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

```
.background{ background-color:#5232CA }
```

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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