

Converting Colors

Hex(5325BA)

Have a look what the booklet for
Hex(5325BA) contains.

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Color

Hex(5325BA)

Conversions

Conversions Part 1

Format	Color
Hex	5325BA
RGB	83, 37, 186
RGB Percent	33%, 15%, 73%
CMY	0.6745, 0.8549, 0.2706
CMYK	0.55, 0.80, 0.00, 0.27
HSL	259°, 67%, 44%
HSV	259°, 80%, 73%
XYZ	13.0918, 6.7073, 47.0590
YIQ	67.7400, -20.4130, 56.0910

Conversions

Conversions Part 2

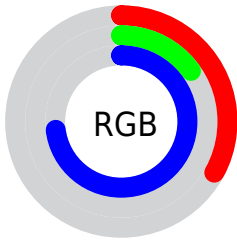
Format	Color
R_{YB}	83, 37, 186
Decimal	5449146
CIE _{Lab}	31.13, 55.07, -69.95
CIE _{LCh}	31, 89.028, 308.211
Yxy	6.7073, 0.1958, 0.1003
Android (android.graphics.Color)	4283639226 (0xFF5325BA)
YUV	67.7400, 58.3022, 13.3830
Hunter-Lab	25.8985, 44.9101, -89.6044

Details

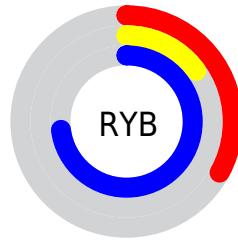
The Hex color **5325BA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **8CBA25**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8F58F3**, and **000083** is the 20% darker color. If you saturate the color by 10%, you get **4612BA**, and if you desaturate by 10%, it is **6038BA**.

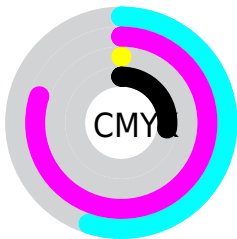
Distribution



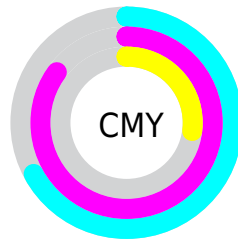
- Red (33%)
- Green (15%)
- Blue (73%)



- Red (33%)
- Yellow (15%)
- Blue (73%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (85%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5325BA 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 5325BA by changing the saturation by 10% instead.

■ 5325BA

■ 5325BA

FFFFFF

■ 32069E

■ 8F58F3

■ 000083

■ AC73FF

■ 000069

■ CA8DFF

■ 000050

■ E8A8FF

■ 000538

■ FFC4FF

■ 000222

■ FFE1FF

■ 000007

FFFEFF

■ 000000

■ 5325BA

■ 5325BA

■ 4612BA

■ 6038BA

■ 3900BA

■ 6D4ABA

■ 7A5DBA

■ 866FBA

■ 9382BA

■ A095BA

■ ADA7BA

■ BABABA

■ C7CCBA

Harmonies

Analogous

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



004FD8



5325BA



A4007F

Triad

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



5325BA



822F00



00615C

Complementary

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



5325BA



8CBA25

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.



005F0A



5325BA



494D00

Square

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



5325BA



A90000



005A00



0062A0

Rectangle

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



5325BA



B70051



005A00



006043

Sweetspot

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



5325BA



CAB8F2



258DBA



62577A



FAFAFA



7A7A7A

Same Dimension

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



5325BA



510AF2



9C25BA



55535C



30009C



09001C

Inverse Universe

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



BA258C



F20AAA



43BA25



5C5359



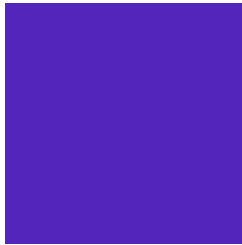
9C006C



1C0013

Previews

White Background



This preview shows how the Hex color 5325BA 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

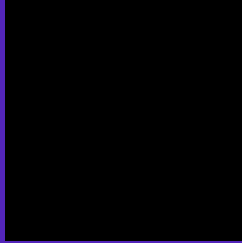
Any Text WCAG AA × Fail

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 5325BA Background



This preview shows how black text looks on a background with the Hex color 5325BA.



This preview shows how white text looks on a background with the Hex color 5325BA.

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](#).

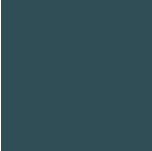
Dichromacy



Original Color
5325BA

Protanopia
004795

Deuteranopia
004C80



Tritanopia
2F4E55

Trichromacy



Original Color
5325BA



Protanomaly
1E3BA2



Deuteranomaly
1E3E95



Tritanomaly
3C3F7A

Monochromacy



Original Color
5325BA



Achromatopsia
444444



Achromatomaly
49396F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5325BA 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 #5325BA looks like.

```
.text, #text, p{  
    color:#5325BA  
}
```

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 #5325BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5325BA
}
```

Border

The CSS property to change the border of an element to Hex 5325BA 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
#5325BA }
```

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

```
.border{ border-color:#5325BA }
```

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

Here you see how a box with a 4 pixel #5325BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5325BA; -webkit-box-shadow:4px 4px  
4px 4px #5325BA; box-shadow:4px 4px 4px  
4px #5325BA }
```

Background

The CSS property to change the background color of an element to Hex 5325BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5325BA }
```

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

```
.background{ background-color:#5325BA }
```

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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