

Converting Colors

Hex(5131A5)

Have a look what the booklet for
Hex(5131A5) contains.

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Color

Hex(5131A5)

Conversions

Conversions Part 1

Format	Color
Hex	5131A5
RGB	81, 49, 165
RGB Percent	32%, 19%, 65%
CMY	0.6824, 0.8078, 0.3529
CMYK	0.51, 0.70, 0.00, 0.35
HSL	257°, 54%, 42%
HSV	257°, 70%, 65%
XYZ	11.2832, 6.6626, 36.2886
YIQ	71.7920, -18.1640, 42.8600

Conversions

Conversions Part 2

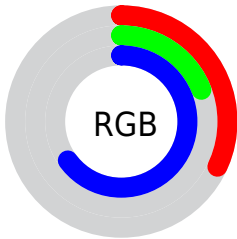
Format	Color
R _Y B	81, 49, 165
Decimal	5321125
CIE Lab	31.03, 43.04, -57.59
CIE LCh	31, 71.891, 306.773
Yxy	6.6626, 0.2080, 0.1228
Android (android.graphics.Color)	4283511205 (0xFF5131A5)
YUV	71.7920, 45.9515, 8.0754
Hunter-Lab	25.8120, 32.8568, -65.2865

Details

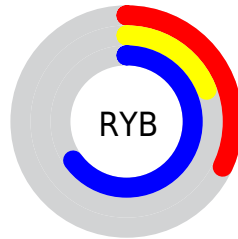
The Hex color **5131A5** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **85A531**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **8A62DD**, and **0D0170** is the 20% darker color. If you saturate the color by 10%, you get **4520A5**, and if you desaturate by 10%, it is **5D41A5**.

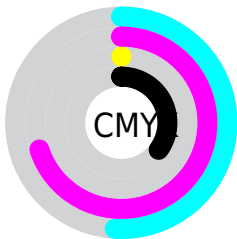
Distribution



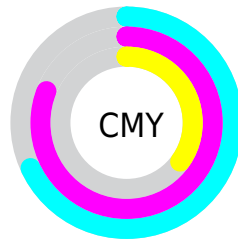
- Red (32%)
- Green (19%)
- Blue (65%)



- Red (32%)
- Yellow (19%)
- Blue (65%)



- Cyan (51%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)



- Cyan (68%)
- Magenta (81%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5131A5 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 5131A5 by changing the saturation by 10% instead.

■ 5131A5

■ 5131A5

FFFFFF

■ 33198A

■ 8A62DD

■ 0D0170

■ A67BFA

■ 000057

■ C396FF

■ 00033E

■ E0B1FF

■ 000328

■ FECDFE

■ 000111

■ FFE9FF

■ 000000

■ 5131A5

■ 5131A5

■ 4520A5

■ 5D41A5

■ 3910A5

■ 6952A5

■ 2E00A5

■ 7562A5

■ 8173A5

■ 8D83A5

■ 9994A5

■ A5A4A5

■ B1B5A5

■ BDC5A5

Harmonies

Analogous

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



004EBC



5131A5



920077

Triad

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



5131A5



7C3400



005E55

Complementary

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



5131A5



85A531

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.



005C17



5131A5



4F4B00

Square

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



5131A5



9B0005



005700



005F8C

Rectangle

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



5131A5



A30052



005700



005E41

Sweetspot

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



5131A5



B6A9D6



3186A5



58506B



EBEBEB



6B6B6B

Same Dimension

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



5131A5



5422D6



8A31A5



4C4952



280091



050012

Inverse Universe

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



A53185



D622A5



4CA531



52494F



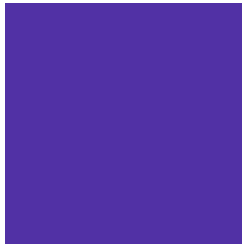
910069



12000D

Previews

White Background



This preview shows how the Hex color 5131A5 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

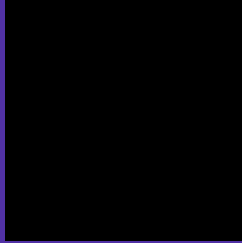
Any Text WCAG AA × Fail

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 5131A5 Background



This preview shows how black text looks on a background with the Hex color 5131A5.

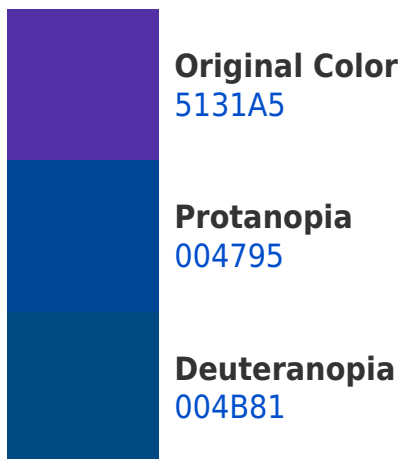


This preview shows how white text looks on a background with the Hex color 5131A5.

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
384D53

Trichromacy



Original Color
5131A5



Protanomaly
1D3F9B



Deuteranomaly
1D428E



Tritanomaly
414371

Monochromacy



Original Color
5131A5



Achromatopsia
484848



Achromatomaly
4B406A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5131A5 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 #5131A5 looks like.

```
.text, #text, p{  
    color:#5131A5  
}
```

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 #5131A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5131A5
}
```

Border

The CSS property to change the border of an element to Hex 5131A5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

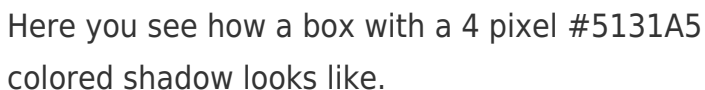
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5131A5 }
```

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

```
.border{ border-color:#5131A5 }
```

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



Here you see how a box with a 4 pixel #5131A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5131A5; -webkit-box-shadow:4px 4px  
4px 4px #5131A5; box-shadow:4px 4px 4px  
4px #5131A5 }
```

Background

The CSS property to change the background color of an element to Hex 5131A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5131A5 }
```

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

```
.background{ background-color:#5131A5 }
```

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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