

Converting Colors

Hex(5220DF)

Have a look what the booklet for
Hex(5220DF) contains.

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Color

Hex(5220DF)

Conversions

Conversions Part 1

Format	Color
Hex	5220DF
RGB	82, 32, 223
RGB Percent	32%, 13%, 87%
CMY	0.6784, 0.8745, 0.1255
CMYK	0.63, 0.86, 0.00, 0.13
HSL	256°, 75%, 50%
HSV	256°, 86%, 87%
XYZ	17.3155, 8.1546, 70.4734
YIQ	68.7240, -31.5110, 70.0010

Conversions

Conversions Part 2

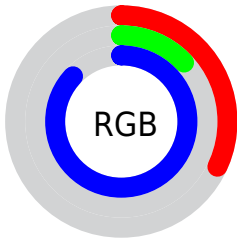
Format	Color
R_{YB}	82, 32, 223
Decimal	5382367
CIE _{Lab}	34.30, 66.62, -86.27
CIE _{LCh}	34, 109.003, 307.676
Yxy	8.1546, 0.1805, 0.0850
Android (android.graphics.Color)	4283572447 (0xFF5220DF)
YUV	68.7240, 76.0581, 11.6431
Hunter-Lab	28.5562, 58.2626, -126.3314

Details

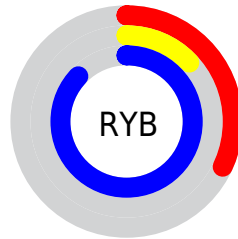
The Hex color **5220DF** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **ADDF20**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9457FF**, and **0000A6** is the 20% darker color. If you saturate the color by 10%, you get **420ADF**, and if you desaturate by 10%, it is **6236DF**.

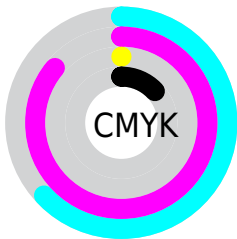
Distribution



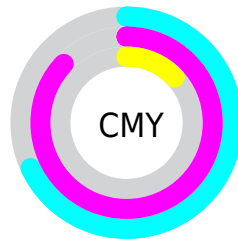
- Red (32%)
- Green (13%)
- Blue (87%)



- Red (32%)
- Yellow (13%)
- Blue (87%)



- Cyan (63%)
- Magenta (86%)
- Yellow (0%)
- Black (13%)



- Cyan (68%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5220DF 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 5220DF by changing the saturation by 10% instead.

■ 5220DF

■ 5220DF

FFFFFF

■ 2800C2

■ 9457FF

■ 0000A6

■ B372FF

■ 00008B

■ D28DFF

■ 000070

■ F2A9FF

■ 000C56

■ FFC5FF

■ 00063E

■ FFE2FF

■ 000327

■ 000111

■ 000000

■ 5220DF

■ 5220DF

■ 420ADF

■ 6236DF

■ 3A00DF

■ 734DDF

■ 8363DF

■ 9479DF

■ A490DF

■ B5A6DF

■ C5BCDF

■ D6D2DF

■ E6E9DF

Harmonies

Analogous

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



005AFF



5220DF



BF0095

Triad

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



5220DF



952D00



006C66

Complementary

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



5220DF



ADDF20

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.



006900



5220DF



4F5600

Square

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



5220DF



C50000



006400



006EBC

Rectangle

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



5220DF



D6005C



006400



006B48

Sweetspot

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



5220DF



CEBDFF



20AFDF



625880



000000



808080

Same Dimension

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



5220DF



4300FF



AF20DF



686570



2E00B0



0D0030

Inverse Universe

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



DF20AD



FF00BC



50DF20



70656D



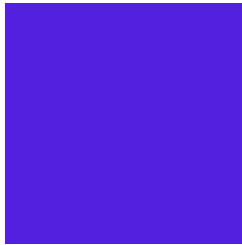
B00082



300024

Previews

White Background



This preview shows how the Hex color 5220DF looks on a white background.

Color Contrast Check

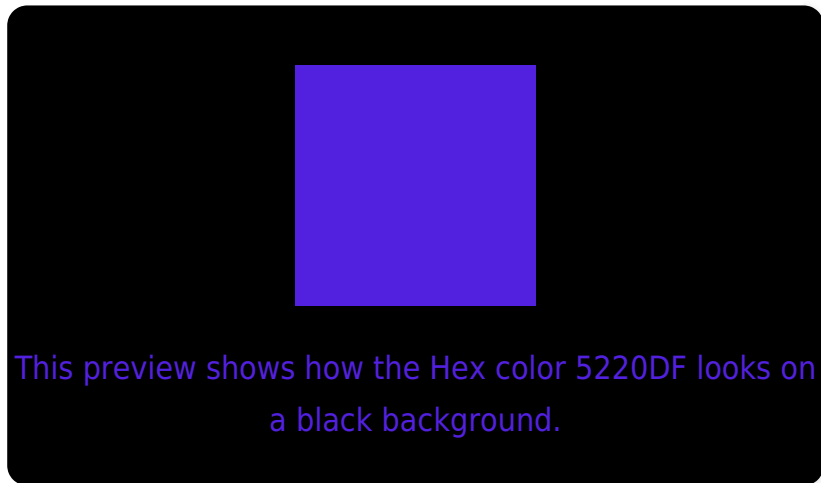
Large Text (above 18pt) WCAG AA ✓ Pass

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

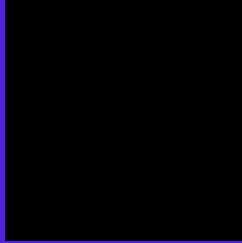
Any Text WCAG AA × Fail

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 5220DF Background



This preview shows how black text looks on a background with the Hex color 5220DF.

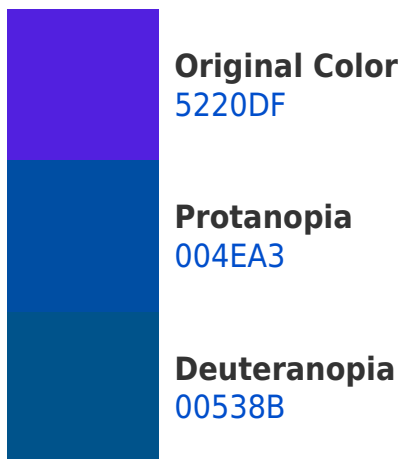


This preview shows how white text looks on a background with the Hex color 5220DF.

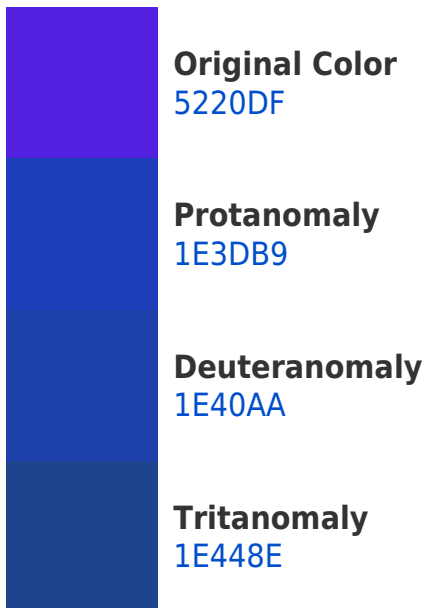
Color Blindness Simulation

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](#).

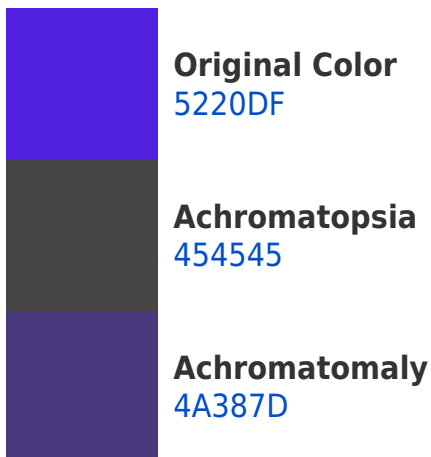
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5220DF 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 #5220DF looks like.

```
.text, #text, p{  
    color:#5220DF  
}
```

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 #5220DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5220DF
}
```

Border

The CSS property to change the border of an element to Hex 5220DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

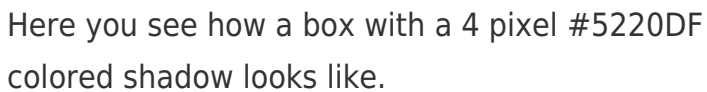
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5220DF }
```

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

```
.border{ border-color:#5220DF }
```

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



Here you see how a box with a 4 pixel #5220DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5220DF; -webkit-box-shadow:4px 4px  
4px 4px #5220DF; box-shadow:4px 4px 4px  
4px #5220DF }
```

Background

The CSS property to change the background color of an element to Hex 5220DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5220DF }
```

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

```
.background{ background-color:#5220DF }
```

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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