

Converting Colors

Hex(5C20B7)

Have a look what the booklet for
Hex(5C20B7) contains.

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Color

Hex(5C20B7)

Conversions

Conversions Part 1

Format	Color
Hex	5C20B7
RGB	92, 32, 183
RGB Percent	36%, 13%, 72%
CMY	0.6392, 0.8745, 0.2824
CMYK	0.50, 0.83, 0.00, 0.28
HSL	264°, 70%, 42%
HSV	264°, 83%, 72%
XYZ	13.4774, 6.7272, 45.3879
YIQ	67.1540, -12.7110, 59.6810

Conversions

Conversions Part 2

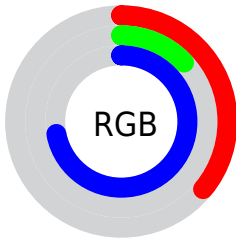
Format	Color
R _Y B	92, 32, 183
Decimal	6037687
CIE Lab	31.18, 57.38, -68.06
CIE LCh	31, 89.020, 310.132
Yxy	6.7272, 0.2055, 0.1026
Android (android.graphics.Color)	4284227767 (0xFF5C20B7)
YUV	67.1540, 57.1121, 21.7899
Hunter-Lab	25.9369, 47.3629, -85.5978

Details

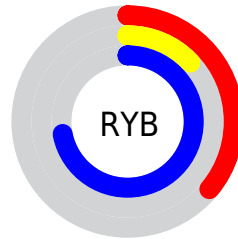
The Hex color **5C20B7** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **7BB720**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9755F0**, and **160081** is the 20% darker color. If you saturate the color by 10%, you get **510EB7**, and if you desaturate by 10%, it is **6732B7**.

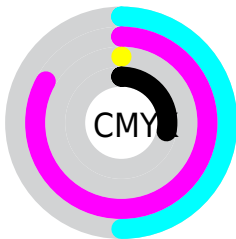
Distribution



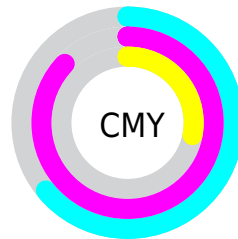
- Red (36%)
- Green (13%)
- Blue (72%)



- Red (36%)
- Yellow (13%)
- Blue (72%)



- Cyan (50%)
- Magenta (83%)
- Yellow (0%)
- Black (28%)



- Cyan (64%)
- Magenta (87%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C20B7 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 5C20B7 by changing the saturation by 10% instead.

5C20B7

5C20B7

FFFFFF

3D009B

9755F0

160081

B470FF

000067

D28BFF

00004D

F0A6FF

000536

FFC2FF

00021F

FFDEFF

000003

FFFCFF

000000

5C20B7

5C20B7

■ 510EB7

■ 6732B7

■ 4900B7

■ 7245B7

■ 7D57B7

■ 8869B7

■ 937CB7

■ 9E8EB7

■ A9A0B7

■ B4B2B7

■ BFC5B7

Harmonies

Analogous

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



004ED8



5C20B7



A7007A

Triad

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



5C20B7



7F3200



006160

Complementary

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



5C20B7



7BB720

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.



005F12



5C20B7



454F00

Square

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



5C20B7



A80000



005A00



0062A4

Rectangle

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



5C20B7



B7004D



005A00



006048

Sweetspot

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



5C20B7



C9B2ED



207DB7



625478



F7F7F7



787878

Same Dimension

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



5C20B7



6002ED



A520B7



56535C



3E009C



0B001C

Inverse Universe

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



B7207B



ED0290



32B720



5C5358



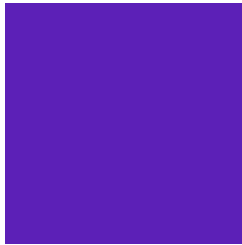
9C005E



1C0011

Previews

White Background



This preview shows how the Hex color 5C20B7 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

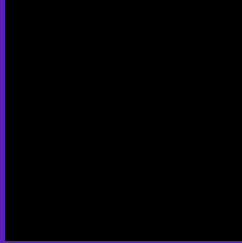
Any Text WCAG AA × Fail

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 5C20B7 Background



This preview shows how black text looks on a background with the Hex color 5C20B7.



This preview shows how white text looks on a background with the Hex color 5C20B7.

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



Original Color
5C20B7

Protanomaly
2139A2

Tritanomaly
4A3C77

Monochromacy



Original Color
5C20B7

Achromatopsia
434343

Achromatomaly
4C366D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C20B7 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 #5C20B7 looks like.

```
.text, #text, p{  
    color:#5C20B7  
}
```

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 #5C20B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C20B7
}
```

Border

The CSS property to change the border of an element to Hex 5C20B7 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
#5C20B7 }
```

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

```
.border{ border-color:#5C20B7 }
```

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

Here you see how a box with a 4 pixel #5C20B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C20B7; -webkit-box-shadow:4px 4px  
4px 4px #5C20B7; box-shadow:4px 4px 4px  
4px #5C20B7 }
```

Background

The CSS property to change the background color of an element to Hex 5C20B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C20B7 }
```

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

```
.background{ background-color:#5C20B7 }
```

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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