

Converting Colors

Hex(2020C6)

Have a look what the booklet for
Hex(2020C6) contains.

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Color

Hex(2020C6)

Conversions

Conversions Part 1

Format	Color
Hex	2020C6
RGB	32, 32, 198
RGB Percent	13%, 13%, 78%
CMY	0.8745, 0.8745, 0.2235
CMYK	0.84, 0.84, 0.00, 0.22
HSL	240°, 72%, 45%
HSV	240°, 84%, 78%
XYZ	11.3052, 5.4173, 53.8759
YIQ	50.9240, -53.2860, 51.6260

Conversions

Conversions Part 2

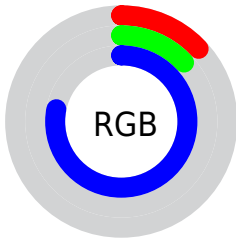
Format	Color
R _Y B	32, 32, 198
Decimal	2105542
CIE Lab	27.89, 56.71, -82.51
CIE LCh	28, 100.119, 304.498
Yxy	5.4173, 0.1601, 0.0767
Android (android.graphics.Color)	4280295622 (0xFF2020C6)
YUV	50.9240, 72.5085, -16.5963
Hunter-Lab	23.2751, 45.9697, -120.9483

Details

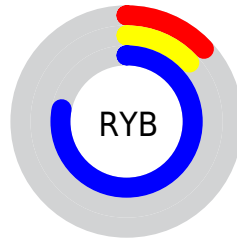
The Hex color **2020C6** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **C6C620**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6F52FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **0C0CC6**, and if you desaturate by 10%, it is **3434C6**.

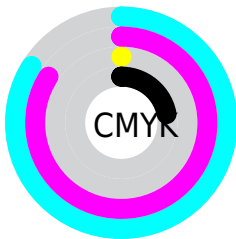
Distribution



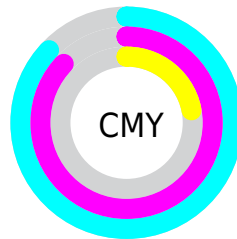
- Red (13%)
- Green (13%)
- Blue (78%)



- Red (13%)
- Yellow (13%)
- Blue (78%)



- Cyan (84%)
- Magenta (84%)
- Yellow (0%)
- Black (22%)



- Cyan (87%)
- Magenta (87%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2020C6 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 2020C6 by changing the saturation by 10% instead.

 2020C6

 2020C6

FFFFFF

 0004AA

 6F52FF

 00008E

 8F6BFF

 000074

 AF86FF

 000A5A

 CEA0FF

 000741

 EDBCFF

 00032A

 FFD8FF

 000115

 FFF5FF

 000000

 2020C6

 2020C6

0C0CC6

3434C6

0000C6

4848C6

5B5BC6

6F6FC6

8383C6

9797C6

ABABC6

BEBEC6

D2D2C6

Harmonies

Analogous

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



004EE3



2020C6



9E0086

Triad

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



2020C6



831800



00594C

Complementary

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



2020C6



C6C620

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.



005700



2020C6



474400

Square

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



2020C6



AC0000



005200



005B9A

Rectangle

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



2020C6



B60054



005200



005831

Sweetspot

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



2020C6



BFBFFF



20C6C6



595980



000000



808080

Same Dimension

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



2020C6



0000FF



7320C6



5A5A63



0000A3



000024

Inverse Universe

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



C620C6



FF00FF



73C620



635A63



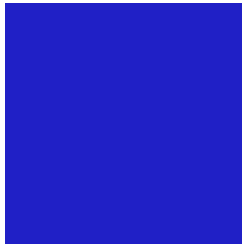
A300A3



240024

Previews

White Background



This preview shows how the Hex color 2020C6 looks on a white background.

Color Contrast Check

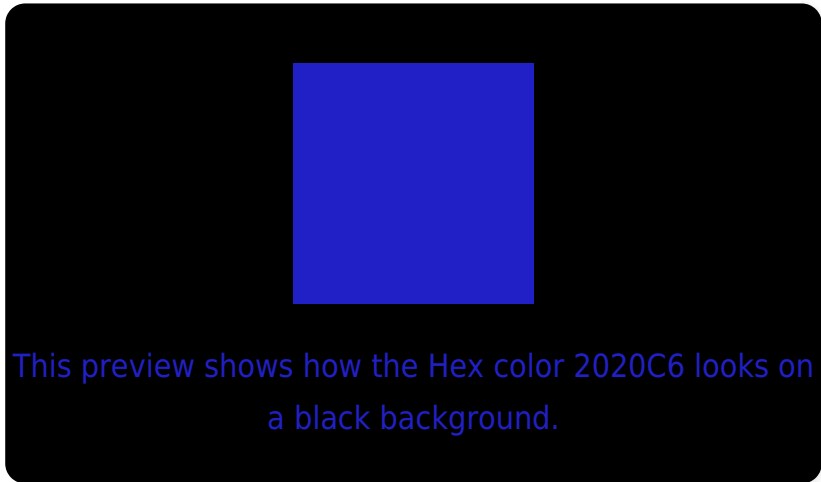
Large Text (above 18pt) WCAG AA ✓ Pass

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

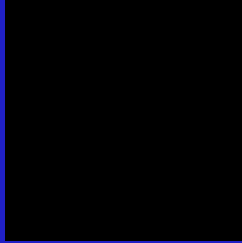
Any Text WCAG AA × Fail

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 2020C6 Background



This preview shows how black text looks on a background with the Hex color 2020C6.



This preview shows how white text looks on a background with the Hex color 2020C6.

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
2020C6

Protanopia
004086

Deuteranopia
004471



Tritanopia
00494D

Trichromacy



Original Color
2020C6

Protanomaly
0C349D

Deuteranomaly
0C3790

Tritanomaly
0C3A79

Monochromacy



Original Color
2020C6

Achromatopsia
333333

Achromatomaly
2C2C68

CSS Examples

Text

The CSS property to change the color of the text to Hex 2020C6 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 #2020C6 looks like.

```
.text, #text, p{  
    color:#2020C6  
}
```

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 #2020C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2020C6
}
```

Border

The CSS property to change the border of an element to Hex 2020C6 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
#2020C6 }
```

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

```
.border{ border-color:#2020C6 }
```

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

Here you see how a box with a 4 pixel #2020C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2020C6; -webkit-box-shadow:4px 4px  
4px 4px #2020C6; box-shadow:4px 4px 4px  
4px #2020C6 }
```

Background

The CSS property to change the background color of an element to Hex 2020C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2020C6 }
```

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

```
.background{ background-color:#2020C6 }
```

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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