

Converting Colors

Hex(20BCF5)

Have a look what the booklet for
Hex(20BCF5) contains.

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Color

Hex(20BCF5)

Conversions

Conversions Part 1

Format	Color
Hex	20BCF5
RGB	32, 188, 245
RGB Percent	13%, 74%, 96%
CMY	0.8745, 0.2627, 0.0392
CMYK	0.87, 0.23, 0.00, 0.04
HSL	196°, 91%, 54%
HSV	196°, 87%, 96%
XYZ	35.0603, 42.8661, 92.8123
YIQ	147.8540, -111.2730, -15.3450

Conversions

Conversions Part 2

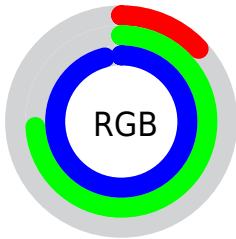
Format	Color
R _Y B	32, 122, 245
Decimal	2145525
CIE Lab	71.46, -18.41, -38.83
CIE LCh	71, 42.976, 244.632
Yxy	42.8661, 0.2053, 0.2511
Android (android.graphics.Color)	4280335605 (0xFF20BCF5)
YUV	147.8540, 47.8930, -101.6040
Hunter-Lab	65.4722, -18.9897, -38.2180

Details

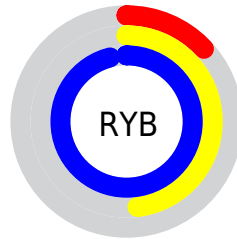
The Hex color **20BCF5** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **F55920**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **76F4FF**, and **0087BC** is the 20% darker color. If you saturate the color by 10%, you get **08B5F5**, and if you desaturate by 10%, it is **39C3F5**.

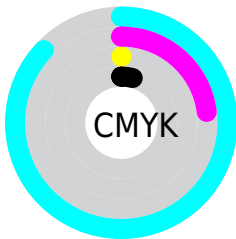
Distribution



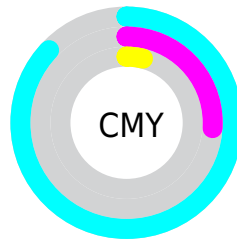
- Red (13%)
- Green (74%)
- Blue (96%)



- Red (13%)
- Yellow (48%)
- Blue (96%)



- Cyan (87%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (87%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20BCF5 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 20BCF5 by changing the saturation by 10% instead.

 20BCF5

 20BCF5

FFFFFF

 00A1D8

 76F4FF

 0087BC

 97FFFF

 006DA1

 B7FFFF

 005587

 D7FFFF

 003E6D

 F7FFFF

 002855

 000F3D

 000327

 000110

■ 20BCF5

■ 20BCF5

■ 08B5F5

■ 39C3F5

■ 00B3F5

■ 51C9F5

■ 6AD0F5

■ 82D6F5

■ 9BDDF5

■ B3E3F5

■ CBEAF5

■ E4F0F5

■ FCF7F5

Harmonies

Analogous

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



00C2DA



20BCF5



7DB1FD

Triad

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



20BCF5



F990AA



99BA6D

Complementary

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



20BCF5



F55920

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.



C2AF5F



20BCF5



F79584

Square

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



20BCF5



E595D1



E3A169



67C18C

Rectangle

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



20BCF5



A9A8F6



E3A169



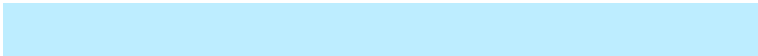
A7B766

Sweetspot

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



20BCF5



BDEDFF



20F559



587580



000000



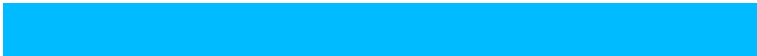
808080

Same Dimension

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



20BCF5



00BBFF



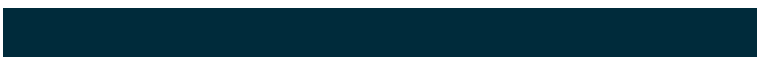
2052F5



6E777A



0088BA



002B3B

Inverse Universe

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



F520BC



FF00BB



F5C320



7A6E77



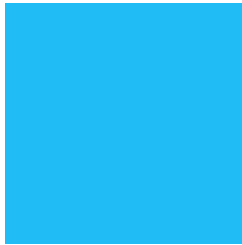
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color 20BCF5 looks on a white background.

Color Contrast Check

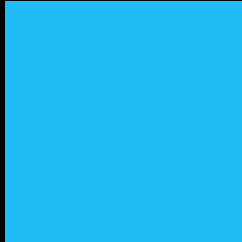
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 20BCF5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

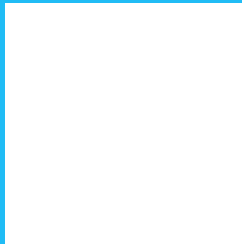
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 20BCF5 Background



This preview shows how black text looks on a background with the Hex color 20BCF5.

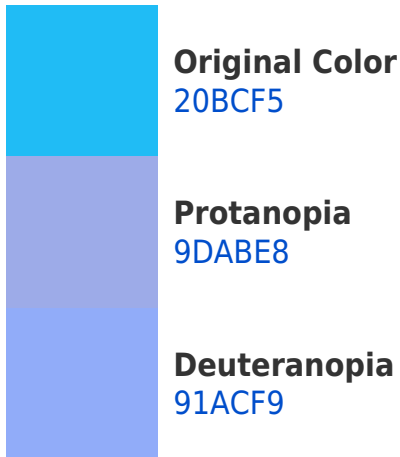


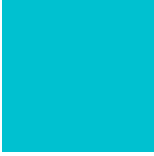
This preview shows how white text looks on a background with the Hex color 20BCF5.

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](#).

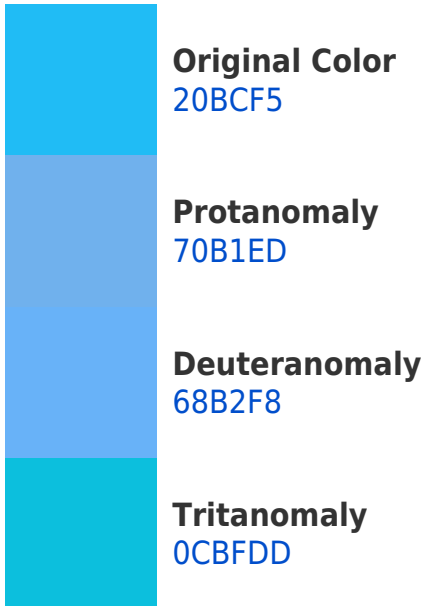
Dichromacy





Tritanopia
00C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20BCF5 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 #20BCF5 looks like.

```
.text, #text, p{  
    color:#20BCF5  
}
```

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 #20BCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20BCF5
}
```

Border

The CSS property to change the border of an element to Hex 20BCF5 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
#20BCF5 }
```

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

```
.border{ border-color:#20BCF5 }
```

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

Here you see how a box with a 4 pixel #20BCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20BCF5; -webkit-box-shadow:4px 4px  
4px 4px #20BCF5; box-shadow:4px 4px 4px  
4px #20BCF5 }
```

Background

The CSS property to change the background color of an element to Hex 20BCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20BCF5 }
```

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

```
.background{ background-color:#20BCF5 }
```

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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