

Converting Colors

Hex(2143BF)

Have a look what the booklet for
Hex(2143BF) contains.

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Color

Hex(2143BF)

Conversions

Conversions Part 1

Format	Color
Hex	2143BF
RGB	33, 67, 191
RGB Percent	13%, 26%, 75%
CMY	0.8706, 0.7373, 0.2510
CMYK	0.83, 0.65, 0.00, 0.25
HSL	227°, 71%, 44%
HSV	227°, 83%, 75%
XYZ	12.0383, 8.0992, 50.2190
YIQ	70.9700, -60.0680, 31.3560

Conversions

Conversions Part 2

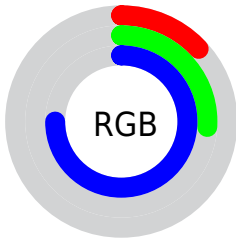
Format	Color
R_{YB}	33, 61, 191
Decimal	2180031
CIE _{Lab}	34.19, 34.77, -67.99
CIE _{LCh}	34, 76.367, 297.083
Yxy	8.0992, 0.1711, 0.1151
Android (android.graphics.Color)	4280370111 (0xFF2143BF)
YUV	70.9700, 59.1748, -33.2997
Hunter-Lab	28.4591, 25.7026, -84.7018

Details

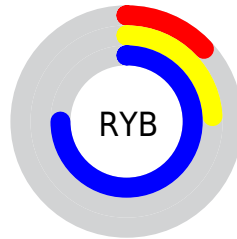
The Hex color **2143BF** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BF9D21**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **6B73F8**, and **001988** is the 20% darker color. If you saturate the color by 10%, you get **0E34BF**, and if you desaturate by 10%, it is **3452BF**.

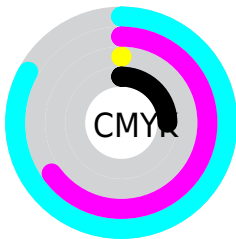
Distribution



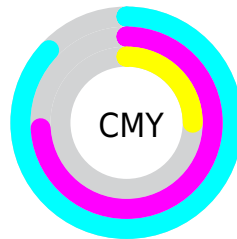
- Red (13%)
- Green (26%)
- Blue (75%)



- Red (13%)
- Yellow (24%)
- Blue (75%)



- Cyan (83%)
- Magenta (65%)
- Yellow (0%)
- Black (25%)



- Cyan (87%)
- Magenta (74%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2143BF 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 2143BF by changing the saturation by 10% instead.

■ 2143BF

FFFFFF

■ 6B73F8

■ 8A8CFF

■ A8A7FF

■ C6C2FF

■ E5DEFF

■ FFFAFF

■ 2143BF

■ 2143BF

■ 002DA3

■ 001988

■ 00056E

■ 000455

■ 00063C

■ 000226

■ 00010F

■ 000000

■ 2143BF

■ 0E34BF

■ 3452BF

■ 0029BF

■ 4761BF

■ 5A70BF

■ 6D7FBF

■ 818EBF

■ 949DBF

■ A7ACBF

■ BABBBF

■ CDCABF

Harmonies

Analogous

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



005BCD



2143BF



8F0494

Triad

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



2143BF



942C00



006749

Complementary

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



2143BF



BF9D21

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.



006400



2143BF



684D00

Square

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



2143BF



B0001E



2A5C00



006887

Rectangle

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



2143BF



AB006D



2A5C00



006633

Sweetspot

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



2143BF



BAC7F7



21BF9D



57607D



FCFCFC



7D7D7D

Same Dimension

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



2143BF



0237F7



4E21BF



55575E



00229E



00071F

Inverse Universe

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



BF2143



F70237



92BF21



5E5557



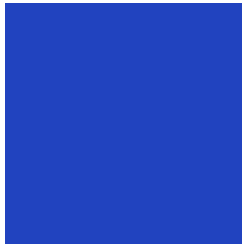
9E0022



1F0007

Previews

White Background



This preview shows how the Hex color 2143BF looks on a white background.

Color Contrast Check

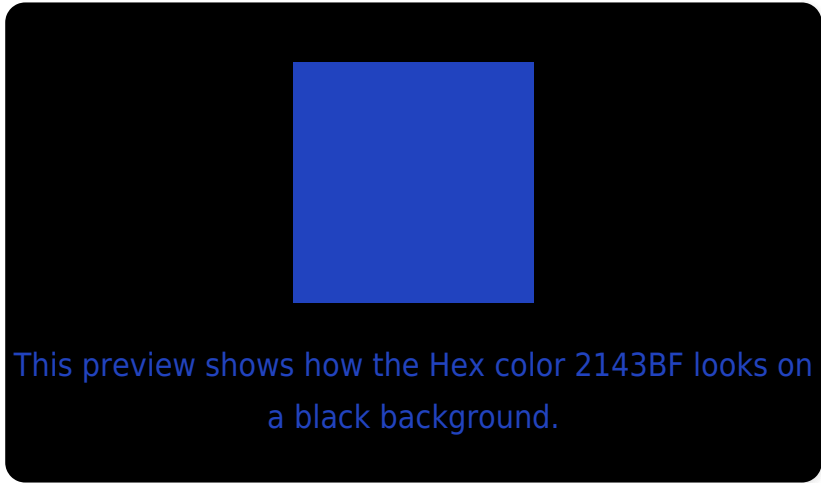
Large Text (above 18pt) WCAG AA ✓ Pass

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

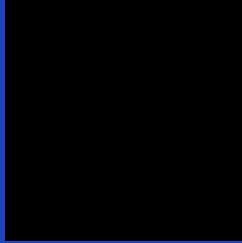
Any Text WCAG AA × Fail

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 2143BF Background



This preview shows how black text looks on a background with the Hex color 2143BF.

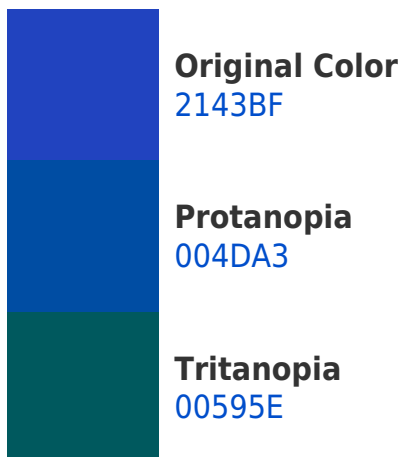


This preview shows how white text looks on a background with the Hex color 2143BF.

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
2143BF

Protanomaly
0C49AD

Tritanomaly
0C5181

Monochromacy



Original Color
2143BF

Achromatopsia
474747

Achromatomaly
394673

CSS Examples

Text

The CSS property to change the color of the text to Hex 2143BF 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 #2143BF looks like.

```
.text, #text, p{  
    color:#2143BF  
}
```

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 #2143BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2143BF
}
```

Border

The CSS property to change the border of an element to Hex 2143BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

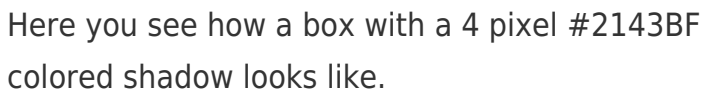
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2143BF }
```

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

```
.border{ border-color:#2143BF }
```

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



Here you see how a box with a 4 pixel #2143BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2143BF; -webkit-box-shadow:4px 4px  
4px 4px #2143BF; box-shadow:4px 4px 4px  
4px #2143BF }
```

Background

The CSS property to change the background color of an element to Hex 2143BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2143BF }
```

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

```
.background{ background-color:#2143BF }
```

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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