

Converting Colors

Hex(2031E0)

Have a look what the booklet for
Hex(2031E0) contains.

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Color

Hex(2031E0)

Conversions

Conversions Part 1

Format	Color
Hex	2031E0
RGB	32, 49, 224
RGB Percent	13%, 19%, 88%
CMY	0.8745, 0.8078, 0.1216
CMYK	0.86, 0.78, 0.00, 0.12
HSL	235°, 76%, 50%
HSV	235°, 86%, 88%
XYZ	15.1485, 7.8855, 71.2447
YIQ	63.8670, -66.3070, 50.8210

Conversions

Conversions Part 2

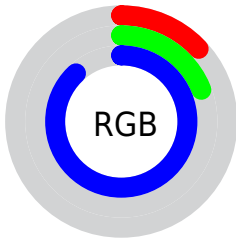
Format	Color
R_{YB}	32, 48, 224
Decimal	2109920
CIE _{Lab}	33.74, 56.68, -87.87
CIE _{LCh}	34, 104.562, 302.825
Yxy	7.8855, 0.1607, 0.0836
Android (android.graphics.Color)	4280300000 (0xFF2031E0)
YUV	63.8670, 78.9456, -27.9474
Hunter-Lab	28.0812, 47.1506, -130.7677

Details

The Hex color **2031E0** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E0CF20**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **7562FF**, and **0001A7** is the 20% darker color. If you saturate the color by 10%, you get **0A1DE0**, and if you desaturate by 10%, it is **3645E0**.

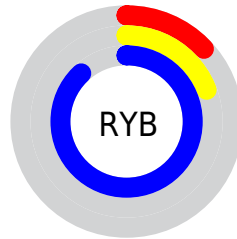
Distribution



 Red (13%)

 Green (19%)

 Blue (88%)




 Red (13%)

 Yellow (19%)

 Blue (88%)

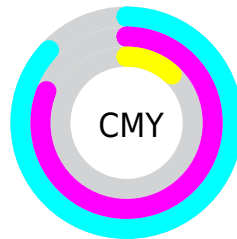



 Cyan (86%)

 Magenta (78%)

 Yellow (0%)

 Black (12%)



 Cyan (87%)

 Magenta (81%)

 Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2031E0 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 2031E0 by changing the saturation by 10% instead.

 2031E0

 2031E0

FFFFFF


 0019C3

 7562FF

 0001A7

 967CFF

 00008C

 B696FF

 000071

 D6B2FF

 000C57

 F5CDFF

 00063F

 FFEAFF

 000328

 000112

 000000

■ 2031E0

■ 2031E0

■ 0A1DE0

■ 3645E0

■ 0014E0

■ 4D5AE0

■ 636EE0

■ 7A83E0

■ 9097E0

■ A6ACE0

■ BDC0E0

■ D3D4E0

■ EAE9E0

Harmonies

Analogous

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



005DFD



2031E0



B0009D

Triad

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



2031E0



9A2100



006956

Complementary

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



2031E0



E0CF20

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.



006700



2031E0



5B5000

Square

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



2031E0



C50000



006100



006CAA

Rectangle

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



2031E0



CC0067



006100



006938

Sweetspot

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



2031E0



BDC3FF



20E0CD



585B80



000000



808080

Same Dimension

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



2031E0



0017FF



6D20E0



656670



0010B0



000430

Inverse Universe

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



E02031



FF0017



93E020



706566



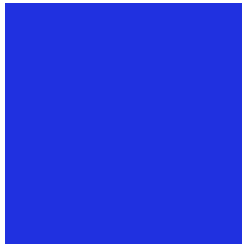
B00010



300004

Previews

White Background



This preview shows how the Hex color 2031E0 looks on a white background.

Color Contrast Check

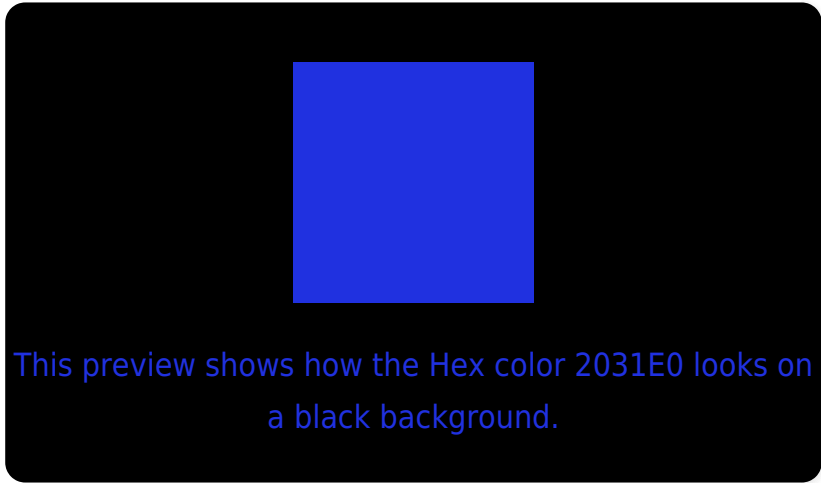
Large Text (above 18pt) WCAG AA ✓ Pass

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

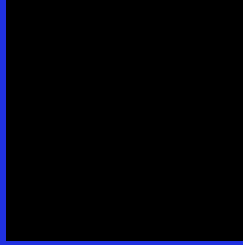
Any Text WCAG AA × Fail

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 2031E0 Background



This preview shows how black text looks on a background with the Hex color 2031E0.

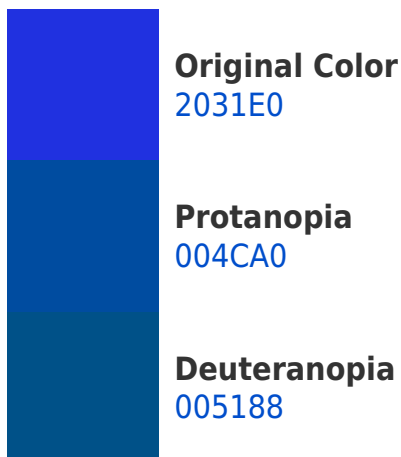


This preview shows how white text looks on a background with the Hex color 2031E0.

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
00575C

Trichromacy



Original Color
2031E0

Protanomaly
0C42B7

Deuteranomaly
0C45A8

Tritanomaly
0C498C

Monochromacy



Original Color
2031E0

Achromatopsia
404040

Achromatomaly
343B7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2031E0 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 #2031E0 looks like.

```
.text, #text, p{  
    color:#2031E0  
}
```

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 #2031E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2031E0
}
```

Border

The CSS property to change the border of an element to Hex 2031E0 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
#2031E0 }
```

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

```
.border{ border-color:#2031E0 }
```

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

Here you see how a box with a 4 pixel #2031E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2031E0; -webkit-box-shadow:4px 4px  
4px 4px #2031E0; box-shadow:4px 4px 4px  
4px #2031E0 }
```

Background

The CSS property to change the background color of an element to Hex 2031E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2031E0 }
```

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

```
.background{ background-color:#2031E0 }
```

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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