

Converting Colors

Hex(1930E2)

Have a look what the booklet for
Hex(1930E2) contains.

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Color

Hex(1930E2)

Conversions

Conversions Part 1

Format	Color
Hex	1930E2
RGB	25, 48, 226
RGB Percent	10%, 19%, 89%
CMY	0.9020, 0.8118, 0.1137
CMYK	0.89, 0.79, 0.00, 0.11
HSL	233°, 80%, 49%
HSV	233°, 89%, 89%
XYZ	15.1853, 7.8116, 72.6589
YIQ	61.4150, -70.8460, 50.4820

Conversions

Conversions Part 2

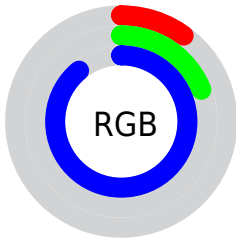
Format	Color
R _Y B	25, 46, 226
Decimal	1650914
CIE Lab	33.59, 57.57, -89.28
CIE LCh	34, 106.230, 302.816
Yxy	7.8116, 0.1587, 0.0817
Android (android.graphics.Color)	4279840994 (0xFF1930E2)
YUV	61.4150, 81.1404, -31.9360
Hunter-Lab	27.9492, 48.0714, -134.5706

Details

The Hex color **1930E2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **E2CB19**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7361FF**, and **0000A9** is the 20% darker color. If you saturate the color by 10%, you get **021CE2**, and if you desaturate by 10%, it is **3044E2**.

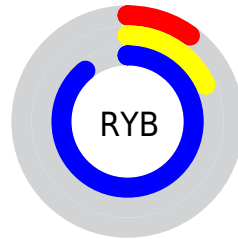
Distribution



 Red (10%)

 Green (19%)

 Blue (89%)



 Red (10%)

 Yellow (18%)

 Blue (89%)

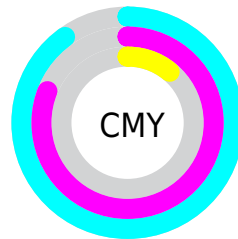



 Cyan (89%)


 Magenta (79%)

 Yellow (0%)

 Black (11%)



 Cyan (90%)

 Magenta (81%)

 Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1930E2 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 1930E2 by changing the saturation by 10% instead.

 1930E2

 1930E2

FFFFFF

 0018C5

 7361FF

 0000A9

 957BFF

 00008E

 B595FF

 000073

 D5B1FF

 000D59

 F5CCFF

 000741

 FFE9FF

 00032A

 000114

 000000

■ 1930E2

■ 1930E2

■ 021CE2

■ 3044E2

■ 001AE2

■ 4658E2

■ 5D6CE2

■ 7380E2

■ 8A94E2

■ A1A8E2

■ B7BCE2

■ CED0E2

■ E4E4E2

Harmonies

Analogous

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



005DFF



1930E2



B1009E

Triad

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



1930E2



9A1F00



006956

Complementary

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



1930E2



E2CB19

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



1930E2



5A5000

Square

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



1930E2



C60000



006100



006CAB

Rectangle

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



1930E2



CE0067



006100



006837

Sweetspot

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



1930E2



BAC2FF



19E2CB



575B80



000000



808080

Same Dimension

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



1930E2



001DFF



6619E2



656670



0014B0



000630

Inverse Universe

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



E21930



FF001D



95E219



706566



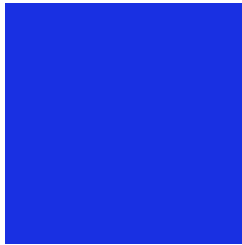
B00014



300006

Previews

White Background



This preview shows how the Hex color 1930E2 looks on a white background.

Color Contrast Check

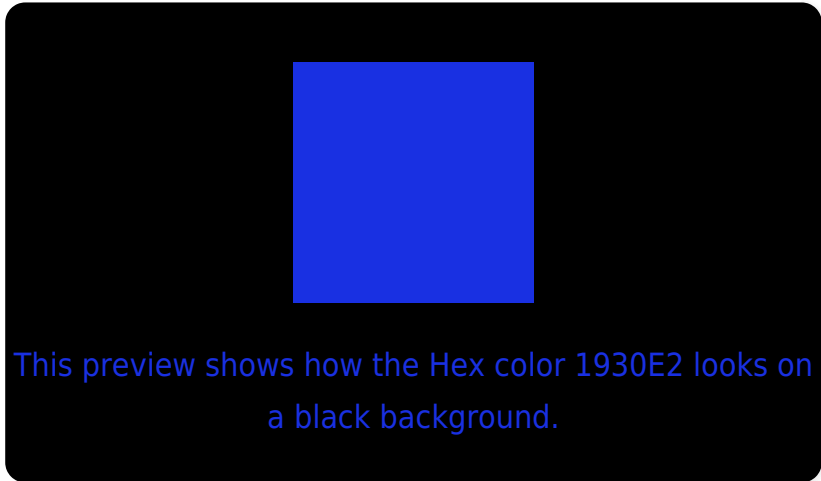
Large Text (above 18pt) WCAG AA ✓ Pass

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

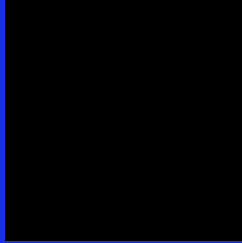
Any Text WCAG AA × Fail

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 1930E2 Background



This preview shows how black text looks on a background with the Hex color 1930E2.



This preview shows how white text looks on a background with the Hex color 1930E2.

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
1930E2

Protanopia
004C9F

Deuteranopia
005187



Tritanopia
00575B

Trichromacy



Original Color
1930E2

Protanomaly
0942B7

Deuteranomaly
0945A8

Tritanomaly
09498C

Monochromacy



Original Color
1930E2

Achromatopsia
3D3D3D

Achromatomaly
303879

CSS Examples

Text

The CSS property to change the color of the text to Hex 1930E2 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 #1930E2 looks like.

```
.text, #text, p{  
    color:#1930E2  
}
```

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 #1930E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1930E2
}
```

Border

The CSS property to change the border of an element to Hex 1930E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

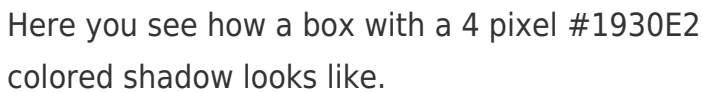
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1930E2 }
```

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

```
.border{ border-color:#1930E2 }
```

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



Here you see how a box with a 4 pixel #1930E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1930E2; -webkit-box-shadow:4px 4px  
4px 4px #1930E2; box-shadow:4px 4px 4px  
4px #1930E2 }
```

Background

The CSS property to change the background color of an element to Hex 1930E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1930E2 }
```

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

```
.background{ background-color:#1930E2 }
```

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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