

Converting Colors

Hex(1919E9)

Have a look what the booklet for
Hex(1919E9) contains.

Hex(1919E9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1919E9)

Conversions

Conversions Part 1

Format	Color
Hex	1919E9
RGB	25, 25, 233
RGB Percent	10%, 10%, 91%
CMY	0.9020, 0.9020, 0.0863
CMYK	0.89, 0.89, 0.00, 0.09
HSL	240°, 83%, 51%
HSV	240°, 89%, 91%
XYZ	15.4565, 6.7851, 77.5858
YIQ	48.7120, -66.7680, 64.6880

Conversions

Conversions Part 2

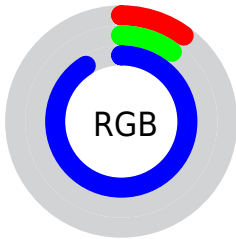
Format	Color
R_{YB}	25, 25, 233
Decimal	1645033
CIE Lab	31.31, 68.98, -97.06
CIE LCh	31, 119.078, 305.401
Yxy	6.7851, 0.1548, 0.0680
Android (android.graphics.Color)	4279835113 (0xFF1919E9)
YUV	48.7120, 90.8540, -20.7954
Hunter-Lab	26.0483, 60.3338, -158.3638

Details

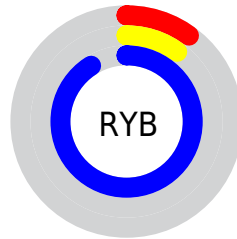
The Hex color **1919E9** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **E9E919**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **7750FF**, and **0000AF** is the 20% darker color. If you saturate the color by 10%, you get **0202E9**, and if you desaturate by 10%, it is **3030E9**.

Distribution



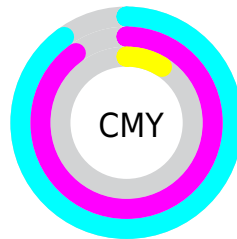
- Red (10%)
- Green (10%)
- Blue (91%)



- Red (10%)
- Yellow (10%)
- Blue (91%)



- Cyan (89%)
- Magenta (89%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (90%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1919E9 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 1919E9 by changing the saturation by 10% instead.

■ 1919E9

■ 1919E9

FFFFFF

■ 0000CC

■ 7750FF

■ 0000AF

■ 996AFF

■ 000094

■ BA85FF

■ 000079

■ DAA0FF

■ 000E5F

■ FABCFF

■ 000846

■ FFD9FF

■ 00042F

■ FFF6FF

■ 000119

■ 000000

■ 1919E9

■ 1919E9

■ 0202E9

■ 3030E9

■ 0000E9

■ 4848E9

■ 5F5FE9

■ 7676E9

■ 8D8DE9

■ A5A5E9

■ BCBCE9

■ D3D3E9

■ EBEBE9

Harmonies

Analogous

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



0059FF



1919E9



BA009A

Triad

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



1919E9



941500



00645A

Complementary

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



1919E9



E9E919

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.



006200



1919E9



4C4D00

Square

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



1919E9



C60000



005D00



0068B8

Rectangle

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



1919E9



D6005D



005D00



006338

Sweetspot

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



1919E9



BABAFF



19E9E9



575780



000000



808080

Same Dimension

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



1919E9



0000FF



8119E9



6A6A75



0000B5



000036

Inverse Universe

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



E919E9



FF00FF



81E919



756A75



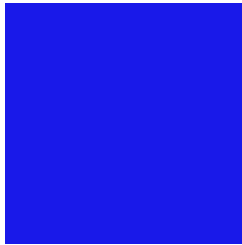
B500B5



360036

Previews

White Background



This preview shows how the Hex color 1919E9 looks on a white background.

Color Contrast Check

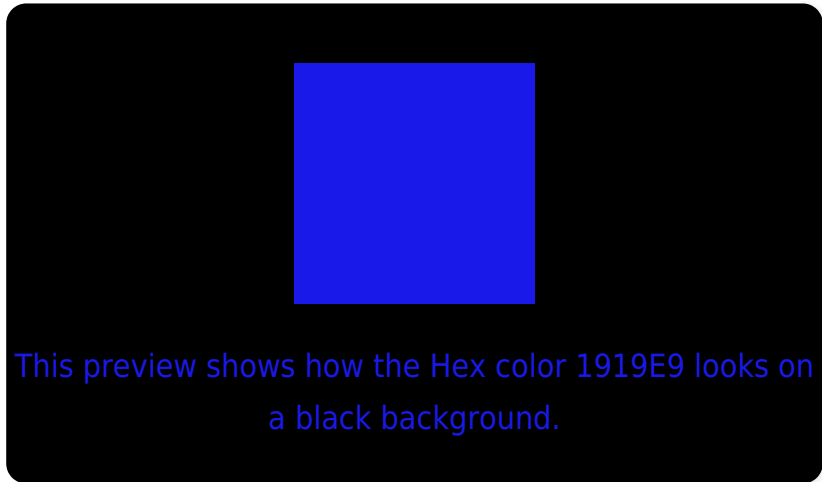
Large Text (above 18pt) WCAG AA ✓ Pass

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

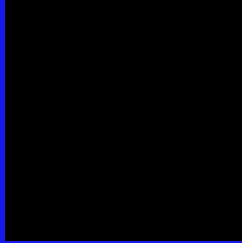
Any Text WCAG AA × Fail

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 1919E9 Background



This preview shows how black text looks on a background with the Hex color 1919E9.



This preview shows how white text looks on a background with the Hex color 1919E9.

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
1919E9

Protanopia
004795

Deuteranopia
004C7E

Trichromacy



Original Color
1919E9

Protanomaly
0936B4

Deuteranomaly
0939A5

Tritanomaly
093D8B

Monochromacy



Original Color
1919E9

Achromatopsia
313131

Achromatomaly
282874

CSS Examples

Text

The CSS property to change the color of the text to Hex 1919E9 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 #1919E9 looks like.

```
.text, #text, p{  
    color:#1919E9  
}
```

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 #1919E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1919E9
}
```

Border

The CSS property to change the border of an element to Hex 1919E9 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".

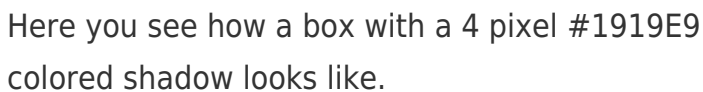
```
.border, #border, table{ border:4px solid
#1919E9 }
```

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

```
.border{ border-color:#1919E9 }
```

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

Here you see how a box with a 4 pixel #1919E9 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1919E9; -webkit-box-shadow:4px 4px  
4px 4px #1919E9; box-shadow:4px 4px 4px  
4px #1919E9 }
```

Background

The CSS property to change the background color of an element to Hex 1919E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1919E9 }
```

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

```
.background{ background-color:#1919E9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor