

Converting Colors

Hex(1935C4)

Have a look what the booklet for
Hex(1935C4) contains.

Hex(1935C4)	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>	28

Color

Hex(1935C4)

Conversions

Conversions Part 1

Format	Color
Hex	1935C4
RGB	25, 53, 196
RGB Percent	10%, 21%, 77%
CMY	0.9020, 0.7922, 0.2314
CMYK	0.87, 0.73, 0.00, 0.23
HSL	230°, 77%, 43%
HSV	230°, 87%, 77%
XYZ	11.6378, 6.7384, 52.9118
YIQ	60.9300, -62.5910, 38.5370

Conversions

Conversions Part 2

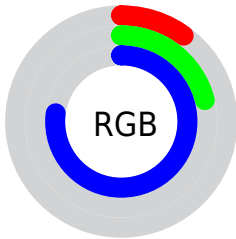
Format	Color
R _Y B	25, 49, 196
Decimal	1652164
CIE Lab	31.20, 44.82, -75.85
CIE LCh	31, 88.105, 300.577
Yxy	6.7384, 0.1633, 0.0945
Android (android.graphics.Color)	4279842244 (0xFF1935C4)
YUV	60.9300, 66.5895, -31.5106
Hunter-Lab	25.9584, 34.5987, -102.6816

Details

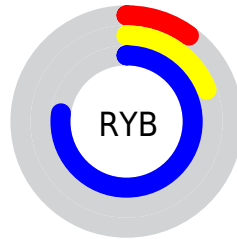
The Hex color **1935C4** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C4A819**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6A65FE**, and **000B8D** is the 20% darker color. If you saturate the color by 10%, you get **0525C4**, and if you desaturate by 10%, it is **2D45C4**.

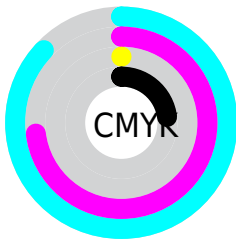
Distribution



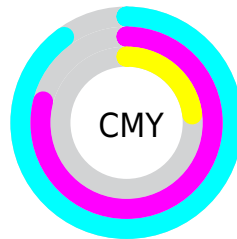
- Red (10%)
- Green (21%)
- Blue (77%)



- Red (10%)
- Yellow (19%)
- Blue (77%)



- Cyan (87%)
- Magenta (73%)
- Yellow (0%)
- Black (23%)



- Cyan (90%)
- Magenta (79%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1935C4 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 1935C4 by changing the saturation by 10% instead.

■ 1935C4

■ 1935C4

FFFFFF

■ 001FA8

■ 6A65FE

■ 000B8D

■ 8A7EFF

■ 000072

■ A998FF

■ 000759

■ C8B3FF

■ 000740

■ E6CFFF

■ 000329

■ FFE8FF

■ 000113

■ 000000

■ 1935C4

■ 1935C4

■ 0525C4

■ 2D45C4

■ 0020C4

■ 4056C4

■ 5466C4

■ 6777C4

■ 7B87C4

■ 8F97C4

■ A2A8C4

■ B6B8C4

■ C9C9C4

Harmonies

Analogous

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



0055D8



1935C4



96008F

Triad

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



1935C4



8D2200



006049

Complementary

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



1935C4



C4A819

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.



005E00



1935C4



5A4800

Square

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



1935C4



AF0007



005800



00628F

Rectangle

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



1935C4



B10062



005800



006030

Sweetspot

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



1935C4



BDC8FF



19C4A8



585E80



000000



808080

Same Dimension

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



1935C4



002AFF



5219C4



575961



001AA1



000521

Inverse Universe

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



C41935



FF002A



8BC419



615759



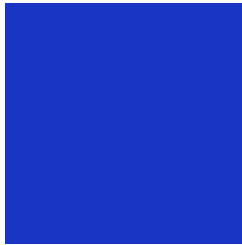
A1001A



210005

Previews

White Background



This preview shows how the Hex color 1935C4 looks on a white background.

Color Contrast Check

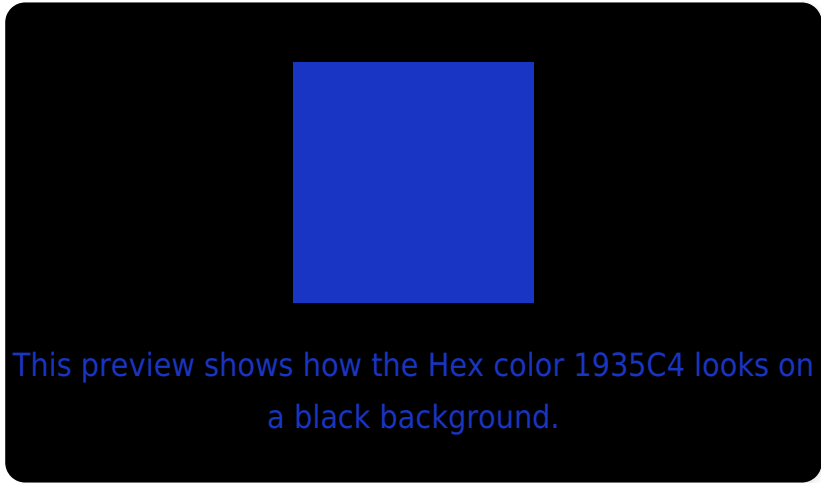
Large Text (above 18pt) WCAG AA ✓ Pass

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

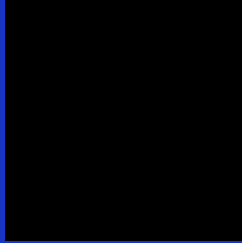
Any Text WCAG AA × Fail

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 1935C4 Background



This preview shows how black text looks on a background with the Hex color 1935C4.



This preview shows how white text looks on a background with the Hex color 1935C4.

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
1935C4

Deuteranomaly
094397

Tritanomaly
09477E

Monochromacy



Original Color
1935C4

Achromatopsia
3D3D3D

Achromatomaly
303A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1935C4 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 #1935C4 looks like.

```
.text, #text, p{  
    color:#1935C4  
}
```

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 #1935C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1935C4
}
```

Border

The CSS property to change the border of an element to Hex 1935C4 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
#1935C4 }
```

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

```
.border{ border-color:#1935C4 }
```

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

Here you see how a box with a 4 pixel #1935C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1935C4; -webkit-box-shadow:4px 4px  
4px 4px #1935C4; box-shadow:4px 4px 4px  
4px #1935C4 }
```

Background

The CSS property to change the background color of an element to Hex 1935C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1935C4 }
```

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

```
.background{ background-color:#1935C4 }
```

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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