

Converting Colors

Hex(3F19D4)

Have a look what the booklet for
Hex(3F19D4) contains.

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Color

Hex(3F19D4)

Conversions

Conversions Part 1

Format	Color
Hex	3F19D4
RGB	63, 25, 212
RGB Percent	25%, 10%, 83%
CMY	0.7529, 0.9020, 0.1686
CMYK	0.70, 0.88, 0.00, 0.17
HSL	252°, 79%, 46%
HSV	252°, 88%, 83%
XYZ	14.2812, 6.5055, 62.7903
YIQ	57.6800, -37.3790, 66.2130

Conversions

Conversions Part 2

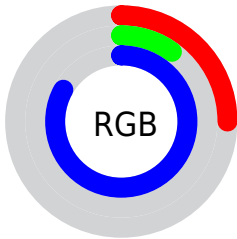
Format	Color
R _{YB}	63, 25, 212
Decimal	4135380
CIE Lab	30.65, 64.72, -86.03
CIE LCh	31, 107.661, 306.953
Yxy	6.5055, 0.1709, 0.0778
Android (android.graphics.Color)	4282325460 (0xFF3F19D4)
YUV	57.6800, 76.0798, 4.6656
Hunter-Lab	25.5059, 55.3101, -128.1060

Details

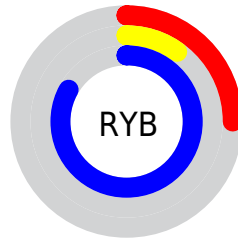
The Hex color **3F19D4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **AED419**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **8450FF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **2E04D4**, and if you desaturate by 10%, it is **502ED4**.

Distribution



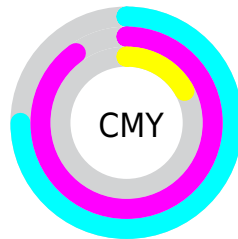
- Red (25%)
- Green (10%)
- Blue (83%)



- Red (25%)
- Yellow (10%)
- Blue (83%)



- Cyan (70%)
- Magenta (88%)
- Yellow (0%)
- Black (17%)



- Cyan (75%)
- Magenta (90%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F19D4 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 3F19D4 by changing the saturation by 10% instead.

3F19D4

3F19D4

FFFFFF

0000B7

8450FF

00009C

A46AFF

000081

C385FF

000066

E2A1FF

000A4D

FFBDFE

000535

FFD9FF

00021F

FFF6FF

000002

000000

■ 3F19D4

■ 3F19D4

■ 2E04D4

■ 502ED4

■ 2B00D4

■ 6143D4

■ 7259D4

■ 836ED4

■ 9383D4

■ A498D4

■ B5ADD4

■ C6C3D4

■ D7D8D4

Harmonies

Analogous

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



0053F8



3F19D4



B1008C

Triad

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



3F19D4



8A2200



00615B

Complementary

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



3F19D4



AED419

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.



005F00



3F19D4



474C00

Square

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



3F19D4



B90000



005A00



0064AF

Rectangle

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



3F19D4



C80055



005A00



00613D

Sweetspot

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



3F19D4



CABDFF



19AFD4



605880



000000



808080

Same Dimension

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



3F19D4



3400FF



9C19D4



63606B



2300AB



09002B

Inverse Universe

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



D419AE



FF00CB



51D419



6B6069



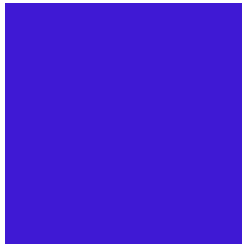
AB0088



2B0023

Previews

White Background



This preview shows how the Hex color 3F19D4 looks on a white background.

Color Contrast Check

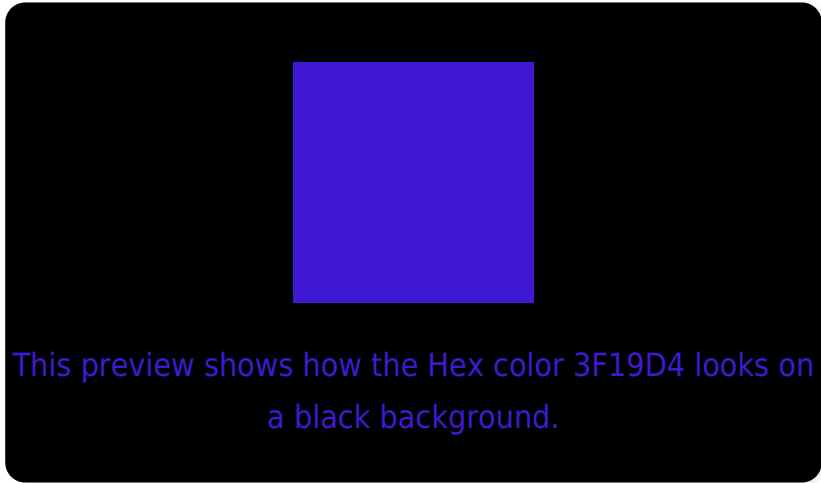
Large Text (above 18pt) WCAG AA ✓ Pass

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

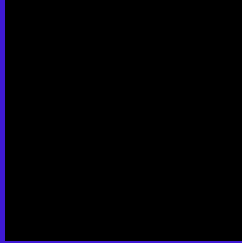
Any Text WCAG AA × Fail

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 3F19D4 Background



This preview shows how black text looks on a background with the Hex color 3F19D4.



This preview shows how white text looks on a background with the Hex color 3F19D4.

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
3F19D4

Protanopia
004693

Deuteranopia
004B7D

Trichromacy



Original Color
3F19D4

Protanomaly
1736AB

Deuteranomaly
17399D

Tritanomaly
173C83

Monochromacy



Original Color
3F19D4

Achromatopsia
3A3A3A

Achromatomaly
3C2E72

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F19D4 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 #3F19D4 looks like.

```
.text, #text, p{  
    color:#3F19D4  
}
```

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 #3F19D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F19D4
}
```

Border

The CSS property to change the border of an element to Hex 3F19D4 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".

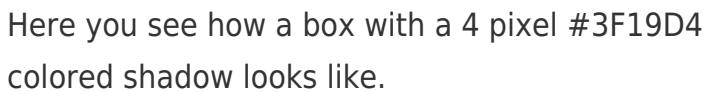
```
.border, #border, table{ border:4px solid
#3F19D4 }
```

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

```
.border{ border-color:#3F19D4 }
```

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

Here you see how a box with a 4 pixel #3F19D4 colored shadow looks like.

A rectangular box with a thick 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 #3F19D4; -webkit-box-shadow:4px 4px  
4px 4px #3F19D4; box-shadow:4px 4px 4px  
4px #3F19D4 }
```

Background

The CSS property to change the background color of an element to Hex 3F19D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F19D4 }
```

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

```
.background{ background-color:#3F19D4 }
```

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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