

# Converting Colors

Hex(3C13DE)

Have a look what the booklet for  
Hex(3C13DE) contains.

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# Color

**Hex(3C13DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C13DE
RGB	60, 19, 222
RGB Percent	24%, 7%, 87%
CMY	0.7647, 0.9255, 0.1294
CMYK	0.73, 0.91, 0.00, 0.13
HSL	252°, 84%, 47%
HSV	252°, 91%, 87%
XYZ	15.2812, 6.7003, 69.5951
YIQ	54.4010, -40.7270, 71.8250

# Conversions

## Conversions Part 2

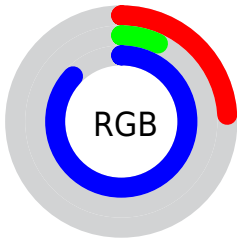
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 19, 222
Decimal	3937246
CIE Lab	31.11, 68.80, -91.05
CIE LCh	31, 114.118, 307.076
Yxy	6.7003, 0.1669, 0.0732
Android (android.graphics.Color)	4282127326 (0xFF3C13DE)
YUV	54.4010, 82.6263, 4.9103
Hunter-Lab	25.8850, 60.0785, -141.2893

# Details

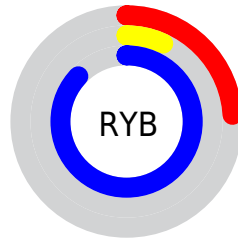
The Hex color **3C13DE** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B5DE13**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **854DFF**, and **0000A5** is the 20% darker color. If you saturate the color by 10%, you get **2D00DE**, and if you desaturate by 10%, it is **4E29DE**.

# Distribution



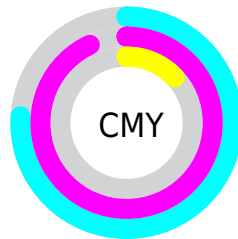
- Red (24%)
- Green (7%)
- Blue (87%)



- Red (24%)
- Yellow (7%)
- Blue (87%)



- Cyan (73%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)



- Cyan (76%)
- Magenta (93%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C13DE 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 3C13DE by changing the saturation by 10% instead.



■ 3C13DE

■ 3C13DE

FFFFFF

■ 0000C1

■ 854DFF

■ 0000A5

■ A568FF

■ 00008A

■ C583FF

■ 00006F

■ E49FFF

■ 000C55

■ FFBBFF

■ 00063D

■ FFD7FF

■ 000326

■ FFF5FF

■ 000110

■ 000000

■ 3C13DE

■ 3C13DE

■ 2D00DE

■ 4E29DE

■ 5F3FDE

■ 7156DE

■ 836CDE

■ 9582DE

■ A698DE

■ B8AEDE

■ CAC5DE

■ DBDBDE

# Harmonies

## Analogous

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



0055FF



3C13DE



B90091

# Triad

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



3C13DE



8E1F00



00635E

# Complementary

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



3C13DE



B5DE13

# 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.



006100



3C13DE



474E00

# Square

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



3C13DE



BF0000



005C00



0067B7

# Rectangle

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



3C13DE



D10057



005C00



00623E



# Sweetspot

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



3C13DE



C8BAFF



13B5DE



5F5780



000000



808080



# Same Dimension

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



3C13DE



3400FF



A113DE



676570



2400B0



0A0030



# Inverse Universe

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



DE13B5



FF00CB



50DE13



70656E



B0008C

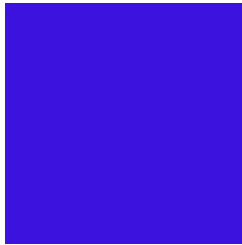


300027



# Previews

## White Background



This preview shows how the Hex color 3C13DE 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 3C13DE Background



This preview shows how black text looks on a background with the Hex color 3C13DE.



This preview shows how white text looks on a background with the Hex color 3C13DE.

# 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**  
3C13DE

**Protanopia**  
004795

**Deuteranopia**  
004C7E



# Trichromacy



**Original Color**  
3C13DE

**Protanomaly**  
1634B0

**Deuteranomaly**  
1637A1

**Tritanomaly**  
163B87

# Monochromacy



**Original Color**  
3C13DE

**Achromatopsia**  
363636

**Achromatomaly**  
382973

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C13DE 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 #3C13DE looks like.

```
.text, #text, p{  
    color:#3C13DE  
}
```

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 #3C13DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C13DE
}
```

## Border

The CSS property to change the border of an element to Hex 3C13DE 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
#3C13DE }
```

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

```
.border{ border-color:#3C13DE }
```

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

Here you see how a box with a 4 pixel #3C13DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C13DE; -webkit-box-shadow:4px 4px  
4px 4px #3C13DE; box-shadow:4px 4px 4px  
4px #3C13DE }
```

# Background

The CSS property to change the background color of an element to Hex 3C13DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C13DE }
```

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

```
.background{ background-color:#3C13DE }
```

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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