

Converting Colors

Hex(3010BC)

Have a look what the booklet for
Hex(3010BC) contains.

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Color

Hex(3010BC)

Conversions

Conversions Part 1

Format	Color
Hex	3010BC
RGB	48, 16, 188
RGB Percent	19%, 6%, 74%
CMY	0.8118, 0.9373, 0.2627
CMYK	0.74, 0.91, 0.00, 0.26
HSL	251°, 84%, 40%
HSV	251°, 91%, 74%
XYZ	10.4813, 4.6298, 47.9182
YIQ	45.1760, -36.1400, 60.2760

Conversions

Conversions Part 2

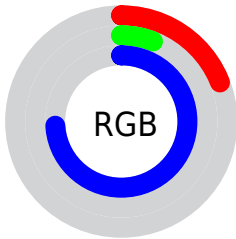
Format	Color
R_{YB}	48, 16, 188
Decimal	3150012
CIE _{Lab}	25.65, 60.23, -80.31
CIE _{LCh}	26, 100.390, 306.869
Yxy	4.6298, 0.1663, 0.0735
Android (android.graphics.Color)	4281340092 (0xFF3010BC)
YUV	45.1760, 70.4122, 2.4766
Hunter-Lab	21.5170, 49.2960, -116.9766

Details

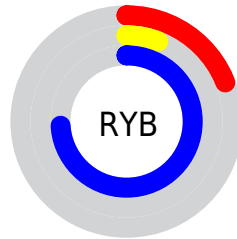
The Hex color **3010BC** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **9CBC10**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **7647F6**, and **000085** is the 20% darker color. If you saturate the color by 10%, you get **2300BC**, and if you desaturate by 10%, it is **3F23BC**.

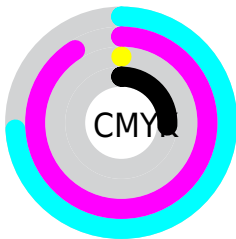
Distribution



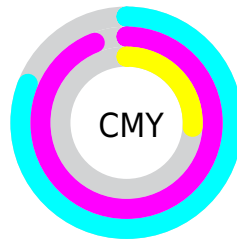
- Red (19%)
- Green (6%)
- Blue (74%)



- Red (19%)
- Yellow (6%)
- Blue (74%)



- Cyan (74%)
- Magenta (91%)
- Yellow (0%)
- Black (26%)



- Cyan (81%)
- Magenta (94%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3010BC 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 3010BC by changing the saturation by 10% instead.


 3010BC

 3010BC

FFFFFF

 0000A0

 7647F6

 000085

 9561FF

 00006B

 B47BFF

 000B51


 D396FF

 000539


 F1B2FF

 000223

 FFCEFF

 000009

 FFE8FF

 000000

 3010BC

 3010BC

■ 2300BC

■ 3F23BC

■ 4F36BC

■ 5E48BC

■ 6D5BBC

■ 7D6EBC

■ 8C81BC

■ 9B94BC

■ AAA6BC

■ BAB9BC

Harmonies

Analogous

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



0047DC



3010BC



9C007B

Triad

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



3010BC



781900



00544E

Complementary

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



3010BC



9CBC10

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.



005100



3010BC



3C4100

Square

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



3010BC



A20000



004D00



00569A

Rectangle

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



3010BC



B10049



004D00



005333

Sweetspot

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



3010BC



BFB3F5



109CBC



5B537A



FAFAFA



7A7A7A

Same Dimension

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



3010BC



2E00F5



8610BC



57555E



1D009E



06001F

Inverse Universe

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



BC109C



F500C7



46BC10



5E555D



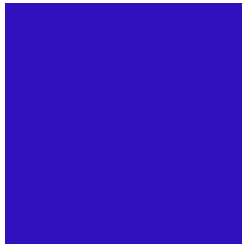
9E0081



1F0019

Previews

White Background



This preview shows how the Hex color 3010BC looks on a white background.

Color Contrast Check

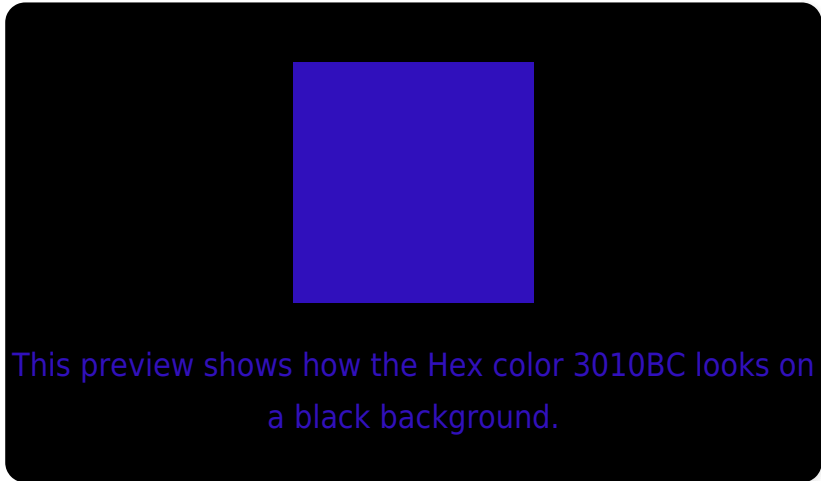
Large Text (above 18pt) WCAG AA ✓ Pass

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

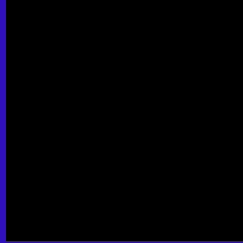
Any Text WCAG AA × Fail

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 3010BC Background



This preview shows how black text looks on a background with the Hex color 3010BC.



This preview shows how white text looks on a background with the Hex color 3010BC.

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
3010BC

Protanopia
003C7D

Deuteranopia
00406A

Trichromacy



Original Color
3010BC

Protanomaly
112C94

Deuteranomaly
112F88

Tritanomaly
113272

Monochromacy



Original Color
3010BC

Achromatopsia
2D2D2D

Achromatomaly
2E2261

CSS Examples

Text

The CSS property to change the color of the text to Hex 3010BC 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 #3010BC looks like.

```
.text, #text, p{  
    color:#3010BC  
}
```

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 #3010BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3010BC
}
```

Border

The CSS property to change the border of an element to Hex 3010BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

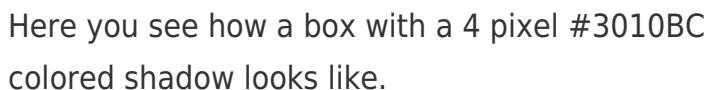
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3010BC }
```

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

```
.border{ border-color:#3010BC }
```

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



Here you see how a box with a 4 pixel #3010BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3010BC; -webkit-box-shadow:4px 4px  
4px 4px #3010BC; box-shadow:4px 4px 4px  
4px #3010BC }
```

Background

The CSS property to change the background color of an element to Hex 3010BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3010BC }
```

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

```
.background{ background-color:#3010BC }
```

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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