

Converting Colors

Hex(4115D0)

Have a look what the booklet for
Hex(4115D0) contains.

Hex(4115D0)	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(4115D0)

Conversions

Conversions Part 1

Format	Color
Hex	4115D0
RGB	65, 21, 208
RGB Percent	25%, 8%, 82%
CMY	0.7451, 0.9176, 0.1843
CMYK	0.69, 0.90, 0.00, 0.18
HSL	254°, 82%, 45%
HSV	254°, 90%, 82%
XYZ	13.8333, 6.2142, 60.1449
YIQ	55.4740, -33.8030, 67.4850

Conversions

Conversions Part 2

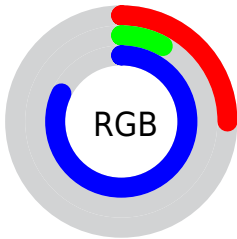
Format	Color
R_{YB}	65, 21, 208
Decimal	4265424
CIE _{Lab}	29.95, 64.96, -84.88
CIE _{LCh}	30, 106.887, 307.427
Yxy	6.2142, 0.1725, 0.0775
Android (android.graphics.Color)	4282455504 (0xFF4115D0)
YUV	55.4740, 75.1953, 8.3543
Hunter-Lab	24.9283, 55.4292, -125.5999

Details

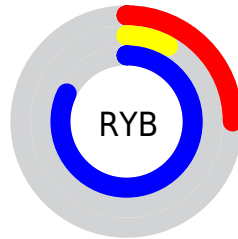
The Hex color **4115D0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A4D015**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **854DFF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **3100D0**, and if you desaturate by 10%, it is **512AD0**.

Distribution



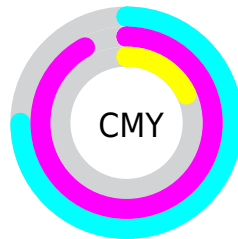
- Red (25%)
- Green (8%)
- Blue (82%)



- Red (25%)
- Yellow (8%)
- Blue (82%)



- Cyan (69%)
- Magenta (90%)
- Yellow (0%)
- Black (18%)



- Cyan (75%)
- Magenta (92%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4115D0 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 4115D0 by changing the saturation by 10% instead.

 4115D0

 4115D0

FFFFFF

 0400B4

 854DFF

 000098

 A568FF

 00007D

 C483FF

 000063

 E39EFF

 00094A

 FFBAFF

 000432


 FFD7FF

 00021C

 FFF4FF

 000000

 4115D0

 4115D0

■ 3100D0

■ 512AD0

■ 613FD0

■ 7153D0

■ 8168D0

■ 917DD0

■ A092D0

■ B0A7D0

■ C0BBD0

■ D0D0D0

Harmonies

Analogous

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



0051F4



4115D0



AF0089

Triad

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



4115D0



872200



005F5B

Complementary

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



4115D0



A4D015

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.



005D00



4115D0



444B00

Square

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



4115D0



B50000



005900



0062AD

Rectangle

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



4115D0



C60052



005900



005F3D

Sweetspot

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



4115D0



CABAFF



15A4D0



605780



000000



808080

Same Dimension

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



4115D0



3C00FF



9E15D0



615E69



2800A8



0A0029

Inverse Universe

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



D015A4



FF00C3



47D015



695E66



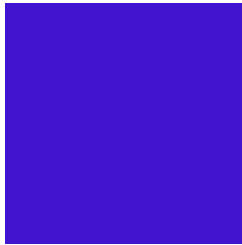
A80081



29001F

Previews

White Background



This preview shows how the Hex color 4115D0 looks on a white background.

Color Contrast Check

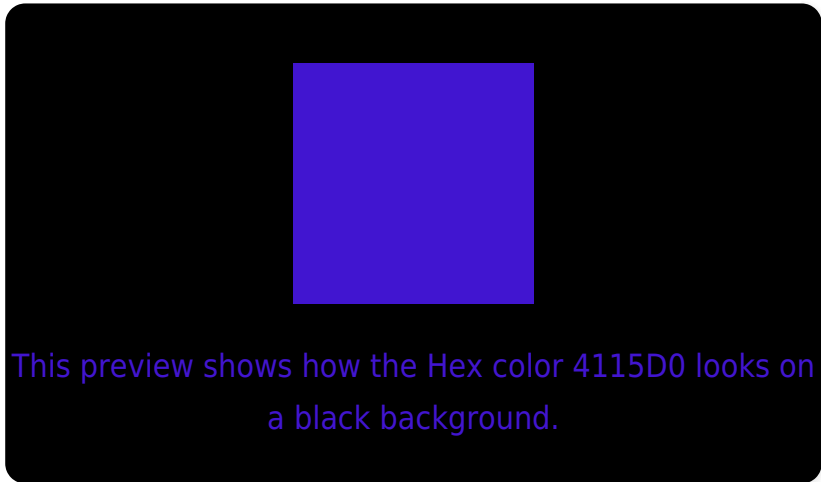
Large Text (above 18pt) WCAG AA ✓ Pass

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

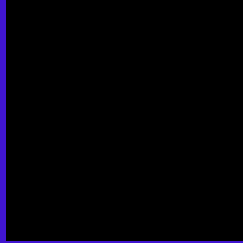
Any Text WCAG AA × Fail

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 4115D0 Background



This preview shows how black text looks on a background with the Hex color 4115D0.



This preview shows how white text looks on a background with the Hex color 4115D0.

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
4115D0

Protanopia
004590

Deuteranopia
00497A



Tritanopia
004F54

Trichromacy



Original Color
4115D0

Protanomaly
1834A7

Deuteranomaly
183699

Tritanomaly
183A81

Monochromacy



Original Color
4115D0

Achromatopsia
373737

Achromatomaly
3B2B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4115D0 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 #4115D0 looks like.

```
.text, #text, p{  
    color:#4115D0  
}
```

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 #4115D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4115D0
}
```

Border

The CSS property to change the border of an element to Hex 4115D0 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
#4115D0 }
```

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

```
.border{ border-color:#4115D0 }
```

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

Here you see how a box with a 4 pixel #4115D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4115D0; -webkit-box-shadow:4px 4px  
4px 4px #4115D0; box-shadow:4px 4px 4px  
4px #4115D0 }
```

Background

The CSS property to change the background color of an element to Hex 4115D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4115D0 }
```

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

```
.background{ background-color:#4115D0 }
```

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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