

Converting Colors

Hex(3184D5)

Have a look what the booklet for
Hex(3184D5) contains.

Hex(3184D5)	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(3184D5)

Conversions

Conversions Part 1

Format	Color
Hex	3184D5
RGB	49, 132, 213
RGB Percent	19%, 52%, 84%
CMY	0.8078, 0.4824, 0.1647
CMYK	0.77, 0.38, 0.00, 0.16
HSL	210°, 66%, 51%
HSV	210°, 77%, 84%
XYZ	21.5281, 21.9596, 66.0548
YIQ	116.4170, -75.4690, 7.5950

Conversions

Conversions Part 2

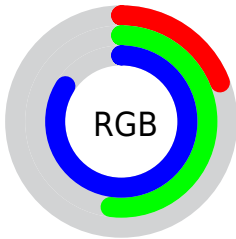
Format	Color
R_{YB}	49, 104, 213
Decimal	3245269
CIE _{Lab}	53.98, 3.13, -48.65
CIE _{LCh}	54, 48.746, 273.680
Yxy	21.9596, 0.1965, 0.2005
Android (android.graphics.Color)	4281435349 (0xFF3184D5)
YUV	116.4170, 47.6154, -59.1247
Hunter-Lab	46.8611, -0.0034, -50.7717

Details

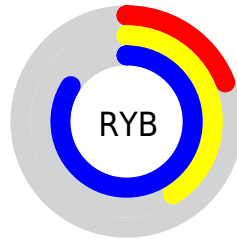
The Hex color **3184D5** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **D58231**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **76B9FF**, and **00539E** is the 20% darker color. If you saturate the color by 10%, you get **1C79D5**, and if you desaturate by 10%, it is **468FD5**.

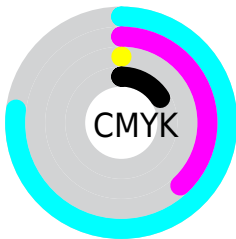
Distribution



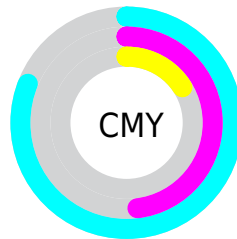
- Red (19%)
- Green (52%)
- Blue (84%)



- Red (19%)
- Yellow (41%)
- Blue (84%)



- Cyan (77%)
- Magenta (38%)
- Yellow (0%)
- Black (16%)



- Cyan (81%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3184D5 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 3184D5 by changing the saturation by 10% instead.

■ 3184D5

■ 3184D5

FFFFFF

■ 006BB9

■ 76B9FF

■ 00539E

■ 95D4FF

■ 003D83

■ B3F0FF

■ 00286A

■ D1FFFF

■ 001351

■ EFFFFFF

■ 000539

■ 000223

■ 000009

■ 000000

■ 3184D5

■ 3184D5

■ 1C79D5

■ 468FD5

■ 066FD5

■ 5C99D5

■ 006CD5

■ 71A4D5

■ 86AED5

■ 9CB9D5

■ B1C3D5

■ C6CED5

■ DBD8D5

■ F1E3D5

Harmonies

Analogous

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



008FCC



3184D5



8A74C7

Triad

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



3184D5



CB6255



26935A

Complementary

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



3184D5



D58231

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.



688C37



3184D5



B57135

Square

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



3184D5



CD5B7E



938127



009685

Rectangle

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



3184D5



AC68B3



938127



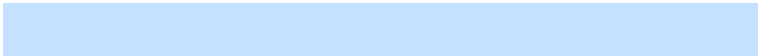
42914D

Sweetspot

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



3184D5



C4E2FF



31D580



5C6E80



000000



808080

Same Dimension

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



3184D5



148BFF



3134D5



60666B



0056AB



00162B

Inverse Universe

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



D53184



FF148B



D5D231



6B6066



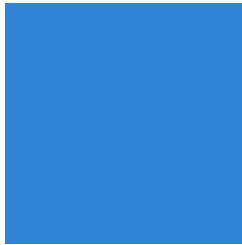
AB0056



2B0016

Previews

White Background



This preview shows how the Hex color 3184D5 looks on a white background.

Color Contrast Check

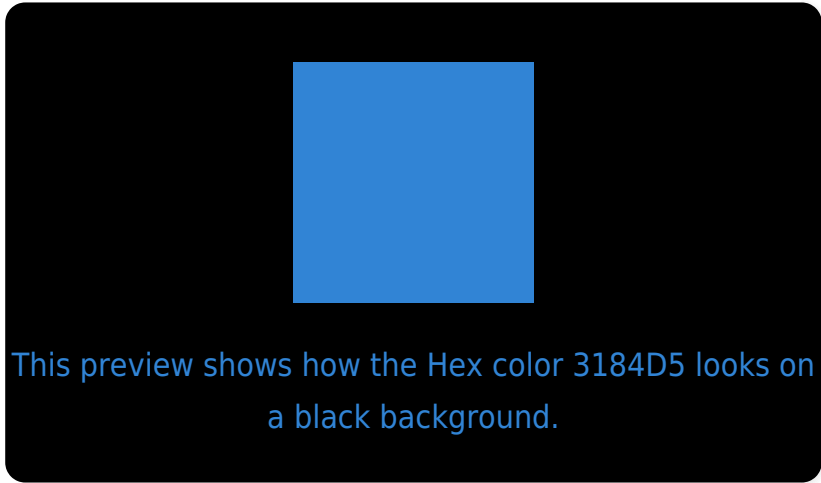
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

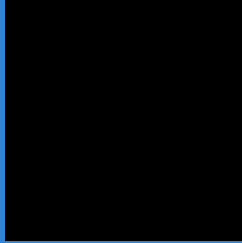
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

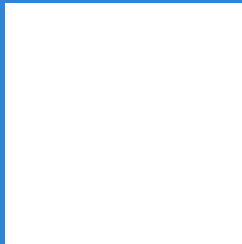
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3184D5 Background



This preview shows how black text looks on a background with the Hex color 3184D5.

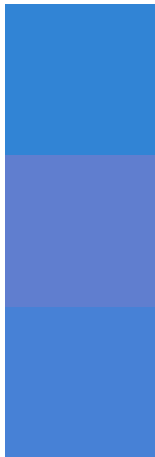


This preview shows how white text looks on a background with the Hex color 3184D5.

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
3184D5

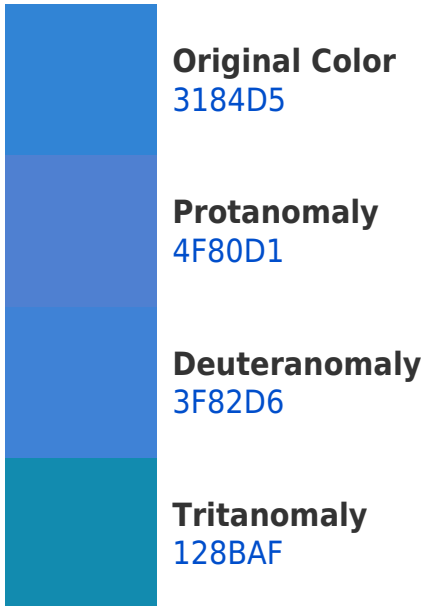
Protanopia
607ECF

Deuteranopia
4781D6

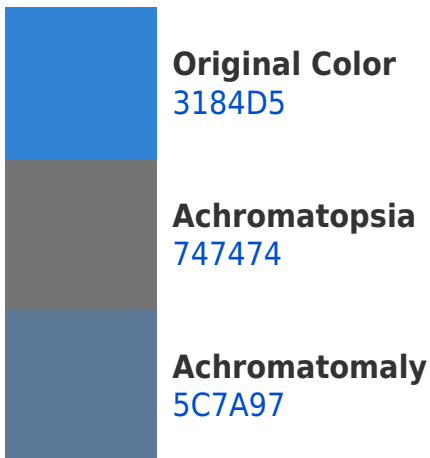


Tritanopia
008F99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3184D5 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 #3184D5 looks like.

```
.text, #text, p{  
    color:#3184D5  
}
```

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 #3184D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3184D5
}
```

Border

The CSS property to change the border of an element to Hex 3184D5 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
#3184D5 }
```

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

```
.border{ border-color:#3184D5 }
```

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

Here you see how a box with a 4 pixel #3184D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3184D5; -webkit-box-shadow:4px 4px  
4px 4px #3184D5; box-shadow:4px 4px 4px  
4px #3184D5 }
```

Background

The CSS property to change the background color of an element to Hex 3184D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3184D5 }
```

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

```
.background{ background-color:#3184D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor