

Converting Colors

Hex(2167D5)

Have a look what the booklet for
Hex(2167D5) contains.

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Color

Hex(2167D5)

Conversions

Conversions Part 1

Format	Color
Hex	2167D5
RGB	33, 103, 213
RGB Percent	13%, 40%, 84%
CMY	0.8706, 0.5961, 0.1647
CMYK	0.85, 0.52, 0.00, 0.16
HSL	217°, 73%, 48%
HSV	217°, 85%, 84%
XYZ	17.4877, 14.8279, 64.8912
YIQ	94.6100, -77.0300, 19.3700

Conversions

Conversions Part 2

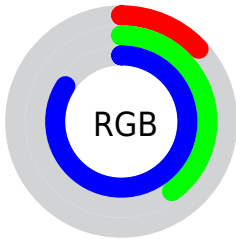
Format	Color
R _Y B	33, 83, 213
Decimal	2189269
CIE Lab	45.40, 19.74, -62.45
CIE LCh	45, 65.495, 287.539
Yxy	14.8279, 0.1799, 0.1525
Android (android.graphics.Color)	4280379349 (0xFF2167D5)
YUV	94.6100, 58.3663, -54.0320
Hunter-Lab	38.5070, 13.6771, -72.9592

Details

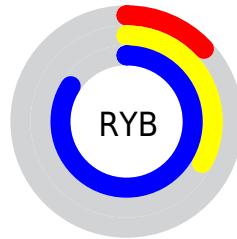
The Hex color **2167D5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D58F21**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6E99FF**, and **00399D** is the 20% darker color. If you saturate the color by 10%, you get **0C5AD5**, and if you desaturate by 10%, it is **3674D5**.

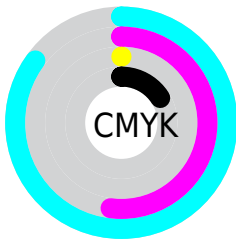
Distribution



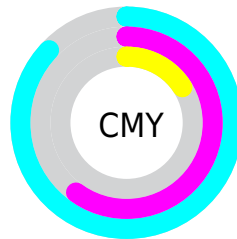
- Red (13%)
- Green (40%)
- Blue (84%)



- Red (13%)
- Yellow (33%)
- Blue (84%)



- Cyan (85%)
- Magenta (52%)
- Yellow (0%)
- Black (16%)



- Cyan (87%)
- Magenta (60%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2167D5 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 2167D5 by changing the saturation by 10% instead.

■ 2167D5

■ 2167D5

FFFFFF

■ 004FB9

■ 6E99FF

■ 00399D

■ 8EB4FF

■ 002583

■ ADCFFF

■ 001369

■ CBEBFF

■ 000A50

■ EAFFFF

■ 000538

■ 000221

■ 000007

■ 000000

■ 2167D5

■ 2167D5

■ 0C5AD5

■ 3674D5

■ 0053D5

■ 4C81D5

■ 618ED5

■ 769BD5

■ 8CA8D5

■ A1B5D5

■ B6C2D5

■ CBCFD5

■ E1DCD5

Harmonies

Analogous

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



0079D7



2167D5



944CB6

Triad

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



2167D5



B94719



008252

Complementary

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



2167D5



D58F21

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.



117D15



2167D5



956100

Square

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



2167D5



CA2B4E



647300



00838B

Rectangle

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



2167D5



B63696



647300



00813F

Sweetspot

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



2167D5



BFD8FF



21D58D



596880



000000



808080

Same Dimension

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



2167D5



0063FF



3321D5



60656B



0042AB



00112B

Inverse Universe

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



D52167



FF0063



C3D521



6B6065



AB0042



2B0011

Previews

White Background



This preview shows how the Hex color 2167D5 looks on a white background.

Color Contrast Check

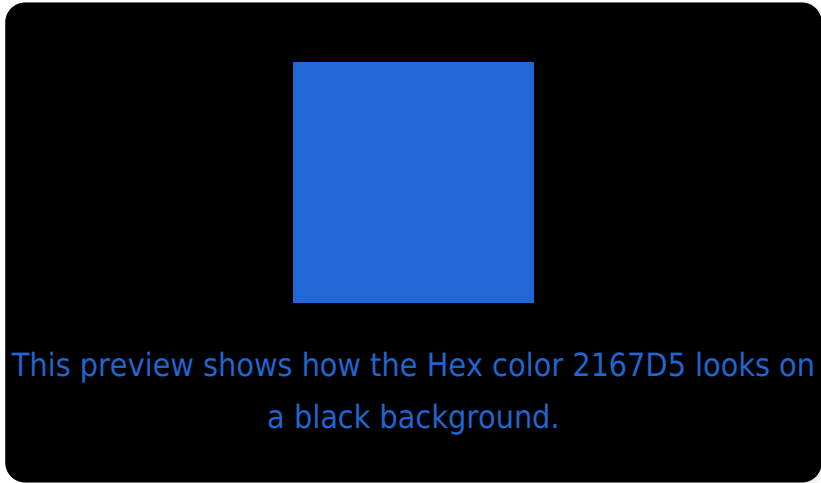
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

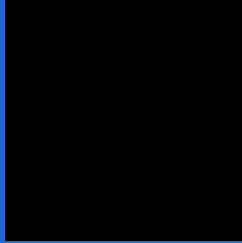
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

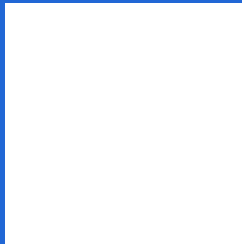
Any Text WCAG AAA × Fail

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

Hex 2167D5 Background



This preview shows how black text looks on a background with the Hex color 2167D5.



This preview shows how white text looks on a background with the Hex color 2167D5.

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





Tritanopia
00777E

Trichromacy



Original Color
2167D5

Protanomaly
2167D5

Deuteranomaly
0C6BC6

Tritanomaly
0C719E

Monochromacy



Original Color
2167D5

Achromatopsia
5F5F5F

Achromatomaly
48628A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2167D5 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 #2167D5 looks like.

```
.text, #text, p{  
    color:#2167D5  
}
```

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 #2167D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2167D5
}
```

Border

The CSS property to change the border of an element to Hex 2167D5 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
#2167D5 }
```

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

```
.border{ border-color:#2167D5 }
```

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

Here you see how a box with a 4 pixel #2167D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2167D5; -webkit-box-shadow:4px 4px  
4px 4px #2167D5; box-shadow:4px 4px 4px  
4px #2167D5 }
```

Background

The CSS property to change the background color of an element to Hex 2167D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2167D5 }
```

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

```
.background{ background-color:#2167D5 }
```

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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