

Converting Colors

Hex(1D5CC4)

Have a look what the booklet for
Hex(1D5CC4) contains.

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Color

Hex(1D5CC4)

Conversions

Conversions Part 1

Format	Color
Hex	1D5CC4
RGB	29, 92, 196
RGB Percent	11%, 36%, 77%
CMY	0.8863, 0.6392, 0.2314
CMYK	0.85, 0.53, 0.00, 0.23
HSL	217°, 74%, 44%
HSV	217°, 85%, 77%
XYZ	14.2976, 11.9010, 53.7681
YIQ	85.0190, -70.9320, 18.9880

Conversions

Conversions Part 2

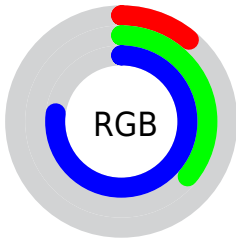
Format	Color
RYB	29, 75, 196
Decimal	1924292
CIELab	41.06, 19.98, -59.71
CIELCh	41, 62.959, 288.498
Yxy	11.9010, 0.1788, 0.1488
Android (android.graphics.Color)	4280114372 (0xFF1D5CC4)
YUV	85.0190, 54.7136, -49.1287
Hunter-Lab	34.4979, 13.6081, -68.2604

Details

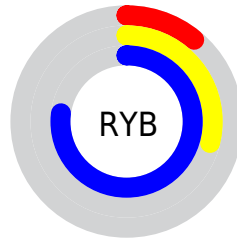
The Hex color **1D5CC4** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C4851D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **698EFD**, and **00308D** is the 20% darker color. If you saturate the color by 10%, you get **0950C4**, and if you desaturate by 10%, it is **3168C4**.

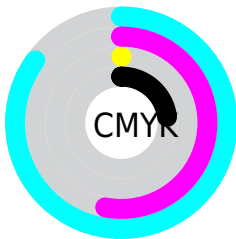
Distribution



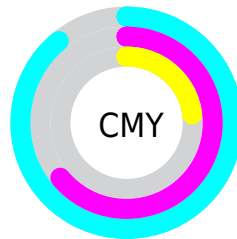
- Red (11%)
- Green (36%)
- Blue (77%)



- Red (11%)
- Yellow (29%)
- Blue (77%)



- Cyan (85%)
- Magenta (53%)
- Yellow (0%)
- Black (23%)



- Cyan (89%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5CC4 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 1D5CC4 by changing the saturation by 10% instead.

■ 1D5CC4

■ 1D5CC4

FFFFFF

■ 0045A8

■ 698EFD

■ 00308D

■ 88A8FF

■ 001C73

■ A6C3FF

■ 00015A

■ C4DFFF

■ 000741

■ E2FBFF

■ 00032A

■ 000115

■ 000000

■ 1D5CC4

■ 1D5CC4

■ 0950C4

■ 3168C4

■ 004AC4

■ 4474C4

■ 5881C4

■ 6B8DC4

■ 7F99C4

■ 93A5C4

■ A6B1C4

■ BABEC4

■ CDCAC4

Harmonies

Analogous

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



006DC7



1D5CC4



8941A6

Triad

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



1D5CC4



A93E10



00764A

Complementary

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



1D5CC4



C4851D

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.



007110



1D5CC4



865700

Square

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



1D5CC4



B92144



586800



007780

Rectangle

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



1D5CC4



A82C88



586800



007538

Sweetspot

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



1D5CC4



BDD6FF



1DC484



586780



000000



808080

Same Dimension

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



1D5CC4



0060FF



301DC4



575B61



003DA1



000D21

Inverse Universe

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



C41D5C



FF0060



B1C41D



61575B



A1003D



21000D

Previews

White Background



This preview shows how the Hex color 1D5CC4 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



This preview shows how the Hex color 1D5CC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

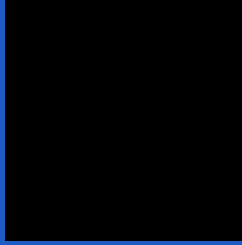
Any Text WCAG AA × Fail

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 1D5CC4 Background



This preview shows how black text looks on a background with the Hex color 1D5CC4.



This preview shows how white text looks on a background with the Hex color 1D5CC4.

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
1D5CC4

Protanopia
0C5DC5

Deuteranopia
0063AB



Tritanopia
006B72

Trichromacy



Original Color
1D5CC4

Protanomaly
125DC5

Deuteranomaly
0B60B4

Tritanomaly
0B6690

Monochromacy



Original Color
1D5CC4

Achromatopsia
555555

Achromatomaly
41587D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5CC4 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 #1D5CC4 looks like.

```
.text, #text, p{  
    color:#1D5CC4  
}
```

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 #1D5CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5CC4
}
```

Border

The CSS property to change the border of an element to Hex 1D5CC4 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
#1D5CC4 }
```

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

```
.border{ border-color:#1D5CC4 }
```

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

Here you see how a box with a 4 pixel #1D5CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5CC4; -webkit-box-shadow:4px 4px  
4px 4px #1D5CC4; box-shadow:4px 4px 4px  
4px #1D5CC4 }
```

Background

The CSS property to change the background color of an element to Hex 1D5CC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5CC4 }
```

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

```
.background{ background-color:#1D5CC4 }
```

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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