

Converting Colors

Hex(1520D4)

Have a look what the booklet for
Hex(1520D4) contains.

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Color

Hex(1520D4)

Conversions

Conversions Part 1

Format	Color
Hex	1520D4
RGB	21, 32, 212
RGB Percent	8%, 13%, 83%
CMY	0.9176, 0.8745, 0.1686
CMYK	0.90, 0.85, 0.00, 0.17
HSL	237°, 82%, 46%
HSV	237°, 90%, 83%
XYZ	12.7094, 5.9459, 62.7652
YIQ	49.2310, -64.3360, 53.6480

Conversions

Conversions Part 2

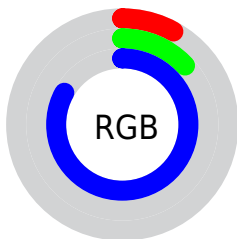
Format	Color
RYB	21, 31, 212
Decimal	1384660
CIELab	29.28, 60.53, -88.39
CIELCh	29, 107.127, 304.403
Yxy	5.9459, 0.1561, 0.0730
Android (android.graphics.Color)	4279574740 (0xFF1520D4)
YUV	49.2310, 80.2451, -24.7586
Hunter-Lab	24.3843, 50.3644, -135.5437

Details

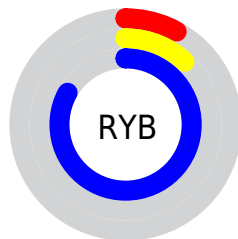
The Hex color **1520D4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **D4C915**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **6F53FF**, and **00009C** is the 20% darker color. If you saturate the color by 10%, you get **000CD4**, and if you desaturate by 10%, it is **2A34D4**.

Distribution



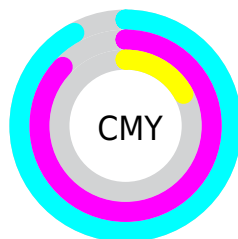
- Red (8%)
- Green (13%)
- Blue (83%)



- Red (8%)
- Yellow (12%)
- Blue (83%)



- Cyan (90%)
- Magenta (85%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (87%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1520D4 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 1520D4 by changing the saturation by 10% instead.

 1520D4

 1520D4


FFFFFF

 0002B7

 6F53FF

 00009C

 916CFF

 000081


 B187FF

 000666


 D0A2FF

 000A4D

 F0BDFF

 000535

 FFDAFF

 00021F

 FFF7FF

 000002

 000000

■ 1520D4

■ 1520D4

■ 000CD4

■ 2A34D4

■ 3F48D4

■ 555CD4

■ 6A70D4

■ 7F84D4

■ 9498D4

■ A9ACD4

■ BFC0D4

■ D4D4D4

Harmonies

Analogous

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



0052F3



1520D4



A8008F

Triad

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



1520D4



8A1600



005D50

Complementary

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



1520D4



D4C915

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.



005B00



1520D4



4B4700

Square

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



1520D4



B60000



005600



0060A4

Rectangle

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



1520D4



C20059



005600



005D33

Sweetspot

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



1520D4



BABEFF



15D4C7



575980



000000



808080

Same Dimension

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



1520D4



000FFF



6815D4



60616B



000AAB



00022B

Inverse Universe

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



D41520



FF000F



81D415



6B6061



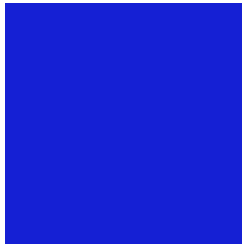
AB000A



2B0002

Previews

White Background



This preview shows how the Hex color 1520D4 looks on a white background.

Color Contrast Check

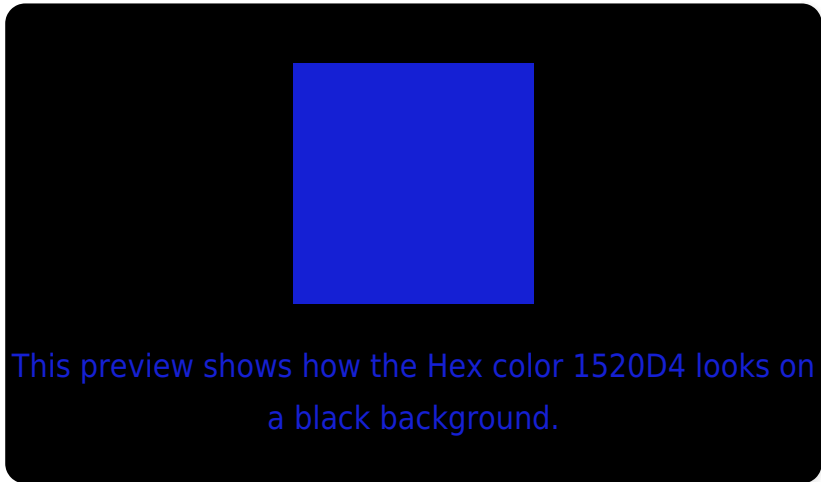
Large Text (above 18pt) WCAG AA ✓ Pass

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

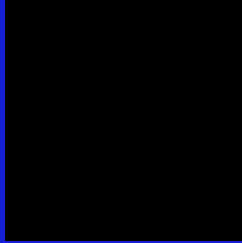
Any Text WCAG AA × Fail

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 1520D4 Background



This preview shows how black text looks on a background with the Hex color 1520D4.



This preview shows how white text looks on a background with the Hex color 1520D4.

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
1520D4

Protanopia
00438C

Deuteranopia
004776

Trichromacy



Original Color
1520D4

Protanomaly
0836A6

Deuteranomaly
083998

Tritanomaly
083D80

Monochromacy



Original Color
1520D4

Achromatopsia
313131

Achromatomaly
272B6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1520D4 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 #1520D4 looks like.

```
.text, #text, p{  
    color:#1520D4  
}
```

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 #1520D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1520D4
}
```

Border

The CSS property to change the border of an element to Hex 1520D4 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
#1520D4 }
```

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

```
.border{ border-color:#1520D4 }
```

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

Here you see how a box with a 4 pixel #1520D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1520D4; -webkit-box-shadow:4px 4px  
4px 4px #1520D4; box-shadow:4px 4px 4px  
4px #1520D4 }
```

Background

The CSS property to change the background color of an element to Hex 1520D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1520D4 }
```

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

```
.background{ background-color:#1520D4 }
```

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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