

Converting Colors

Hex(194DD6)

Have a look what the booklet for
Hex(194DD6) contains.

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Color

Hex(194DD6)

Conversions

Conversions Part 1

Format	Color
Hex	194DD6
RGB	25, 77, 214
RGB Percent	10%, 30%, 84%
CMY	0.9020, 0.6980, 0.1608
CMYK	0.88, 0.64, 0.00, 0.16
HSL	223°, 79%, 47%
HSV	223°, 88%, 84%
XYZ	15.1924, 10.3695, 64.8191
YIQ	77.0700, -74.9690, 31.5830

Conversions

Conversions Part 2

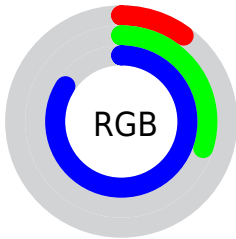
Format	Color
R_{YB}	25, 66, 214
Decimal	1658326
CIE _{Lab}	38.50, 36.45, -74.28
CIE _{LCh}	38, 82.745, 296.135
Yxy	10.3695, 0.1681, 0.1147
Android (android.graphics.Color)	4279848406 (0xFF194DD6)
YUV	77.0700, 67.5065, -45.6654
Hunter-Lab	32.2017, 27.8614, -96.8044

Details

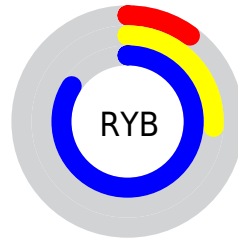
The Hex color **194DD6** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **D6A219**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6D7EFF**, and **00229E** is the 20% darker color. If you saturate the color by 10%, you get **043DD6**, and if you desaturate by 10%, it is **2E5DD6**.

Distribution



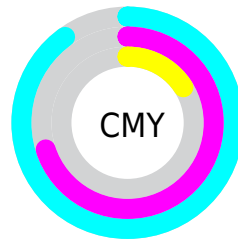
- Red (10%)
- Green (30%)
- Blue (84%)



- Red (10%)
- Yellow (26%)
- Blue (84%)



- Cyan (88%)
- Magenta (64%)
- Yellow (0%)
- Black (16%)



- Cyan (90%)
- Magenta (70%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 194DD6 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 194DD6 by changing the saturation by 10% instead.

■ 194DD6

■ 194DD6

FFFFFF

■ 0037BA

■ 6D7EFF

■ 00229E

■ 8D97FF

■ 001183

■ ADB2FF

■ 000069

■ CCCEFF

■ 000A50

■ EBEAFF

■ 000538

■ 000221

■ 000007

■ 000000

■ 194DD6

■ 194DD6

■ 043DD6

■ 2E5DD6

■ 003BD6

■ 446CD6

■ 597CD6

■ 6F8BD6

■ 849BD6

■ 99AAD6

■ AFBAD6

■ C4C9D6

■ DAD9D6

Harmonies

Analogous

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



0067E4



194DD6



9E0CA7

Triad

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



194DD6



A73100



007350

Complementary

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



194DD6



D6A219

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.



007000



194DD6



775600

Square

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



194DD6



C50025



336700



007595

Rectangle

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



194DD6



BE007D



336700



007238

Sweetspot

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



194DD6



BDCFF



19D6A0



586380



000000



808080

Same Dimension

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



194DD6



0046FF



4219D6



60636B



002FAB



000C2B

Inverse Universe

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



D6194D



FF0046



ADD619



6B6063



AB002F



2B000C

Previews

White Background



This preview shows how the Hex color 194DD6 looks on a white background.

Color Contrast Check

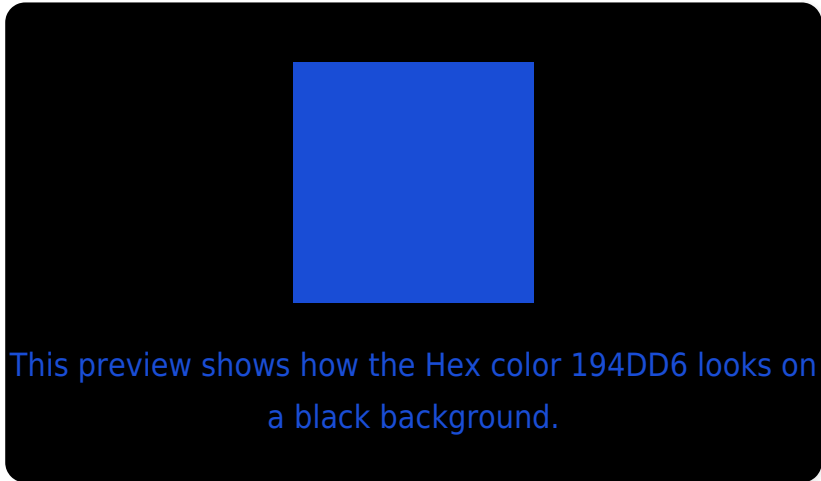
Large Text (above 18pt) WCAG AA ✓ Pass

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

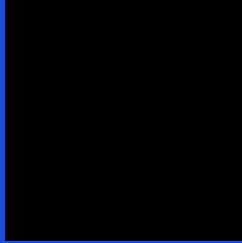
Any Text WCAG AA × Fail

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 194DD6 Background



This preview shows how black text looks on a background with the Hex color 194DD6.

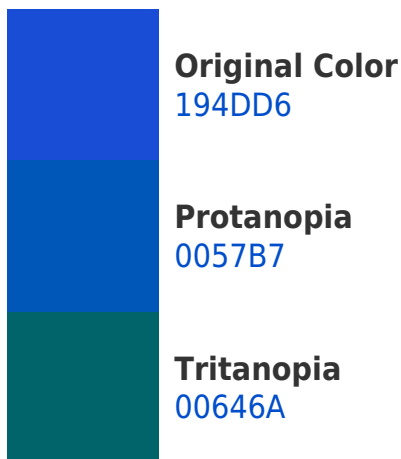


This preview shows how white text looks on a background with the Hex color 194DD6.

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



Trichromacy



Original Color
194DD6

Protanomaly
0953C2

Tritanomaly
095C91

Monochromacy



Original Color
194DD6

Achromatopsia
4D4D4D

Achromatomaly
3A4D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 194DD6 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 #194DD6 looks like.

```
.text, #text, p{  
    color:#194DD6  
}
```

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 #194DD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194DD6
}
```

Border

The CSS property to change the border of an element to Hex 194DD6 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
#194DD6 }
```

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

```
.border{ border-color:#194DD6 }
```

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

Here you see how a box with a 4 pixel #194DD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194DD6; -webkit-box-shadow:4px 4px  
4px 4px #194DD6; box-shadow:4px 4px 4px  
4px #194DD6 }
```

Background

The CSS property to change the background color of an element to Hex 194DD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194DD6 }
```

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

```
.background{ background-color:#194DD6 }
```

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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