

Converting Colors

Hex(0954D5)

Have a look what the booklet for
Hex(0954D5) contains.

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Color

Hex(0954D5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0954D5 |
| RGB | 9, 84, 213 |
| RGB Percent | 4%, 33%, 84% |
| CMY | 0.9647, 0.6706, 0.1647 |
| CMYK | 0.96, 0.61, 0.00, 0.16 |
| HSL | 218°, 92%, 44% |
| HSV | 218°, 96%, 84% |
| XYZ | 15.2932, 11.2028, 64.3071 |
| YIQ | 76.2810, -86.1090, 24.2190 |

Conversions

Conversions Part 2

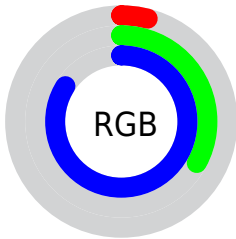
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 9, 64, 213 |
| Decimal | 611541 |
| CIE _{Lab} | 39.92, 30.92, -71.39 |
| CIE _{LCh} | 40, 77.795, 293.416 |
| Yxy | 11.2028, 0.1684, 0.1234 |
| Android (android.graphics.Color) | 4278801621 (0xFF0954D5) |
| YUV | 76.2810, 67.4025, -59.0054 |
| Hunter-Lab | 33.4706, 22.9857, -90.4845 |

Details

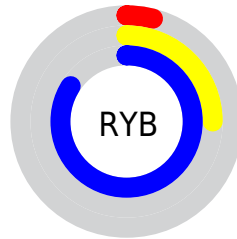
The Hex color **0954D5** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **D58A09**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6885FF**, and **00299D** is the 20% darker color. If you saturate the color by 10%, you get **004ED5**, and if you desaturate by 10%, it is **1E61D5**.

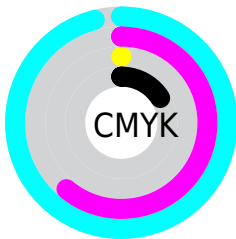
Distribution



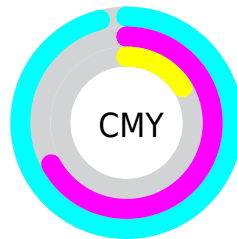
- Red (4%)
- Green (33%)
- Blue (84%)



- Red (4%)
- Yellow (25%)
- Blue (84%)



- Cyan (96%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0954D5 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 0954D5 by changing the saturation by 10% instead.

0954D5

0954D5

FFFFFF

003DB9

6885FF

00299D

899FFF

001782

A8BAFF

000068

C7D5FF

000A4F

E6F2FF

000537

000221

000006

000000

■ 0954D5

■ 0954D5

■ 004ED5

■ 1E61D5

■ 346FD5

■ 497CD5

■ 5E8AD5

■ 7397D5

■ 89A5D5

■ 9EB2D5

■ B3C0D5

■ C9CDD5

Harmonies

Analogous

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



006BDF



0954D5



9927AB

Triad

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



0954D5



AC3500



00764E

Complementary

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



0954D5



D58A09

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.



007200



0954D5



7F5700

Square

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



0954D5



C50031



436900



00778F

Rectangle

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



0954D5



BA0084



436900



007537

Sweetspot

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



0954D5



B5D0FF



09D587



536380



000000



808080

Same Dimension

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



0954D5



005EFF



2109D5



60646B



003FAB



00102B

Inverse Universe

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



D50954



FF005E



BDD509



6B6064



AB003F



2B0010

Previews

White Background



This preview shows how the Hex color 0954D5 looks on a white background.

Color Contrast Check

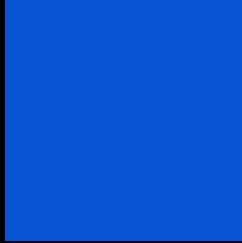
Large Text (above 18pt) WCAG AA ✓ Pass

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 0954D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

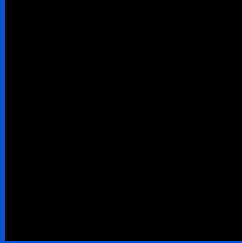
Any Text WCAG AA × Fail

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 0954D5 Background



This preview shows how black text looks on a background with the Hex color 0954D5.

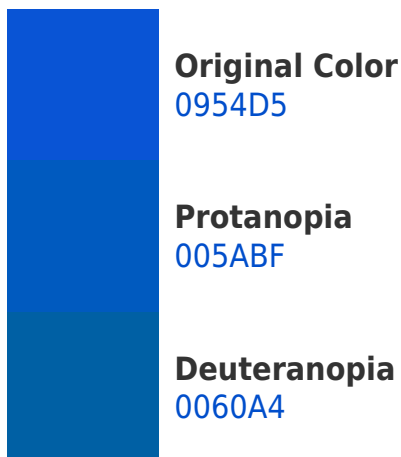


This preview shows how white text looks on a background with the Hex color 0954D5.

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
00686E

Trichromacy



Original Color
0954D5

Protanomaly
0358C7

Deuteranomaly
035CB6

Tritanomaly
036193

Monochromacy



Original Color
0954D5

Achromatopsia
4C4C4C

Achromatomaly
344F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0954D5 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 #0954D5 looks like.

```
.text, #text, p{  
    color:#0954D5  
}
```

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 #0954D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0954D5
}
```

Border

The CSS property to change the border of an element to Hex 0954D5 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
#0954D5 }
```

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

```
.border{ border-color:#0954D5 }
```

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

Here you see how a box with a 4 pixel #0954D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0954D5; -webkit-box-shadow:4px 4px  
4px 4px #0954D5; box-shadow:4px 4px 4px  
4px #0954D5 }
```

Background

The CSS property to change the background color of an element to Hex 0954D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0954D5 }
```

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

```
.background{ background-color:#0954D5 }
```

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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