

Converting Colors

Hex(2D56FF)

Have a look what the booklet for
Hex(2D56FF) contains.

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Color

Hex(2D56FF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2D56FF |
| RGB | 45, 86, 255 |
| RGB Percent | 18%, 34%, 100% |
| CMY | 0.8235, 0.6627, 0.0000 |
| CMYK | 0.82, 0.66, 0.00, 0.00 |
| HSL | 228°, 100%, 59% |
| HSV | 228°, 82%, 100% |
| XYZ | 22.4600, 14.4335, 96.2099 |
| YIQ | 93.0070, -78.6850, 43.8670 |

Conversions

Conversions Part 2

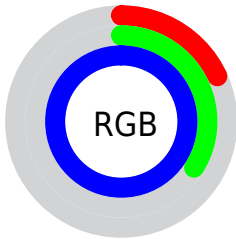
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 45, 79, 255 |
| Decimal | 2971391 |
| CIE Lab | 44.85, 46.84, -87.01 |
| CIE LCh | 45, 98.816, 298.297 |
| Yxy | 14.4335, 0.1687, 0.1084 |
| Android (android.graphics.Color) | 4281161471 (0xFF2D56FF) |
| YUV | 93.0070, 79.8625, -42.1021 |
| Hunter-Lab | 37.9914, 39.0417, -123.5528 |

Details

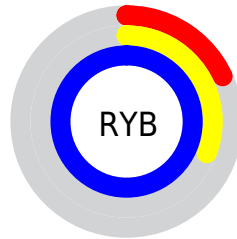
The Hex color **2D56FF** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **FFD62D**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8088FF**, and **0029C5** is the 20% darker color. If you saturate the color by 10%, you get **1441FF**, and if you desaturate by 10%, it is **476BFF**.

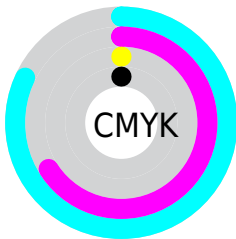
Distribution



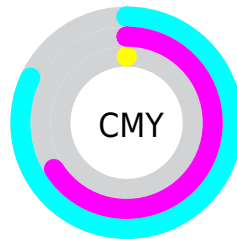
- Red (18%)
- Green (34%)
- Blue (100%)



- Red (18%)
- Yellow (31%)
- Blue (100%)



- Cyan (82%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (66%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D56FF 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 2D56FF by changing the saturation by 10% instead.

 2D56FF

 2D56FF

FFFFFF

 003FE2

 8088FF

 0029C5

 A1A2FF

 0016A9

 C1BDFF

 00068D

 E2D9FF

 000373

 FFF6FF

 000D59

 000740

 000329

 000114

■ 2D56FF

■ 2D56FF

■ 1441FF

■ 476BFF

■ 0032FF

■ 607FFF

■ 7A94FF

■ 93A8FF

■ ADBDFF

■ C6D1FF

■ E0E6FF

■ F9FAFF

FFFFFF

Harmonies

Analogous

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



0079FF



2D56FF



C200C3

Triad

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



2D56FF



C23A00



008863

Complementary

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



2D56FF



FFD62D

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.



008400



2D56FF



866600

Square

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



2D56FF



E90023



2B7B00



0089B7

Rectangle

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



2D56FF



E5008E



2B7B00



008746

Sweetspot

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



2D56FF



BFCCFF



2DFFD5



596180



000000



808080

Same Dimension

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



2D56FF



0334FF



6C2DFF



737580



0025BF



000C40

Inverse Universe

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



FF2D56



FF0334



C0FF2D



807375



BF0025



40000C

Previews

White Background



This preview shows how the Hex color 2D56FF looks on a white background.

Color Contrast Check

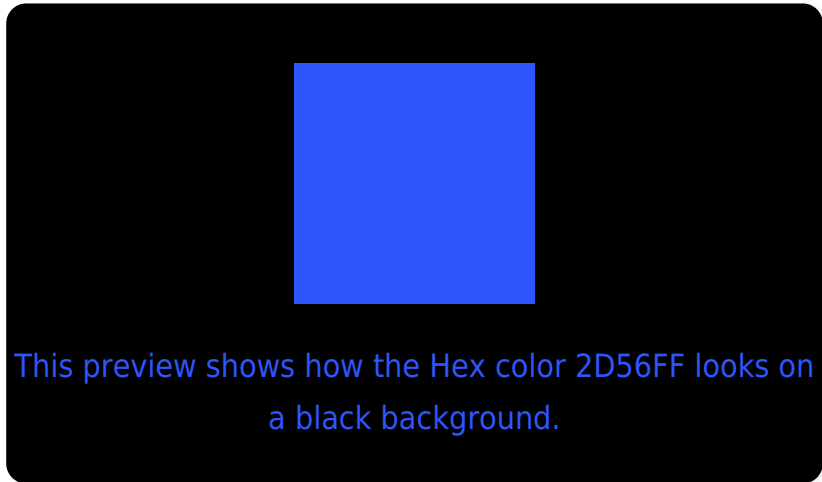
Large Text (above 18pt) WCAG AA ✓ Pass

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

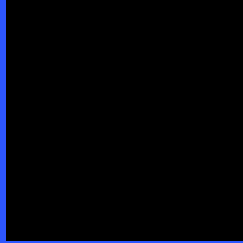
Any Text WCAG AA × Fail

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 2D56FF Background



This preview shows how black text looks on a background with the Hex color 2D56FF.



This preview shows how white text looks on a background with the Hex color 2D56FF.

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
2D56FF

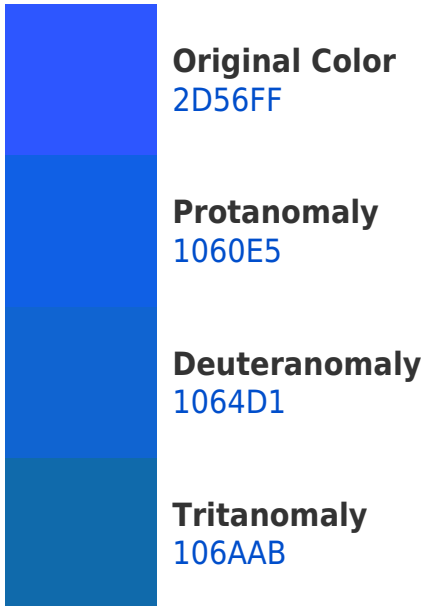
Protanopia
0065D6

Deuteranopia
006CB7

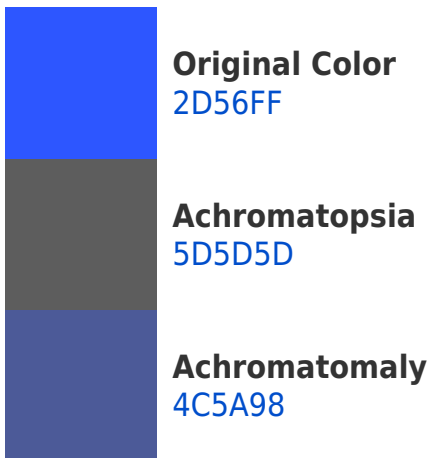


Tritanopia
00757B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D56FF 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 #2D56FF looks like.

```
.text, #text, p{  
    color:#2D56FF  
}
```

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 #2D56FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D56FF
}
```

Border

The CSS property to change the border of an element to Hex 2D56FF 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
#2D56FF }
```

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

```
.border{ border-color:#2D56FF }
```

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

Here you see how a box with a 4 pixel #2D56FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D56FF; -webkit-box-shadow:4px 4px  
4px 4px #2D56FF; box-shadow:4px 4px 4px  
4px #2D56FF }
```

Background

The CSS property to change the background color of an element to Hex 2D56FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D56FF }
```

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

```
.background{ background-color:#2D56FF }
```

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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