

Converting Colors

Hex(2D63ED)

Have a look what the booklet for
Hex(2D63ED) contains.

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Color

Hex(2D63ED)

Conversions

Conversions Part 1

Format	Color
Hex	2D63ED
RGB	45, 99, 237
RGB Percent	18%, 39%, 93%
CMY	0.8235, 0.6118, 0.0706
CMYK	0.81, 0.58, 0.00, 0.07
HSL	223°, 84%, 55%
HSV	223°, 81%, 93%
XYZ	20.8301, 15.5960, 82.0332
YIQ	98.5860, -76.4820, 31.4700

Conversions

Conversions Part 2

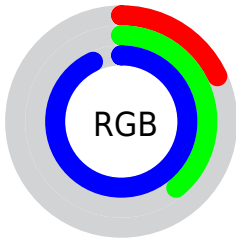
Format	Color
<code>RYB</code>	<code>45, 87, 237</code>
Decimal	<code>2974701</code>
CIELab	<code>46.44, 32.32, -74.33</code>
CIELCh	<code>46, 81.053, 293.497</code>
Yxy	<code>15.5960, 0.1758, 0.1317</code>
Android (<code>android.graphics.Color</code>)	<code>4281164781 (0xFF2D63ED)</code>
YUV	<code>98.5860, 68.2381, -46.9949</code>
Hunter-Lab	<code>39.4918, 25.0400, -95.5144</code>

Details

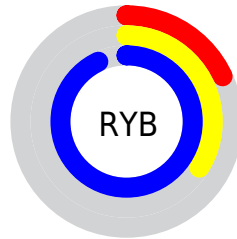
The Hex color **2D63ED** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **EDB72D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7A95FF**, and **0036B4** is the 20% darker color. If you saturate the color by 10%, you get **1552ED**, and if you desaturate by 10%, it is **4574ED**.

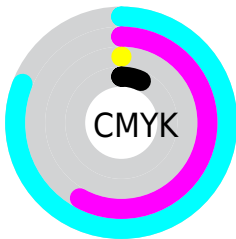
Distribution



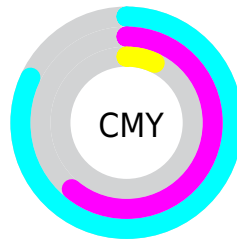
- Red (18%)
- Green (39%)
- Blue (93%)



- Red (18%)
- Yellow (34%)
- Blue (93%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (61%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D63ED 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 2D63ED by changing the saturation by 10% instead.

 2D63ED

 2D63ED

FFFFFF

 004CD0

 7A95FF

 0036B4

 9AB0FF

 002298

 BACBFF

 00117E

 D9E7FF

 000364

 F9FFFF

 00094B

 000433

 00021D

 000000

■ 2D63ED

■ 2D63ED

■ 1552ED

■ 4574ED

■ 0043ED

■ 5C85ED

■ 7496ED

■ 8CA7ED

■ A3B8ED

■ BBC9ED

■ D3DAED

■ EBEBED

■ FFFCED

Harmonies

Analogous

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



007CF7



2D63ED



AE37C0

Triad

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



2D63ED



C34400



00895D

Complementary

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



2D63ED



EDB72D

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.



008407



2D63ED



936600

Square

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



2D63ED



DE003D



537A00



008AA3

Rectangle

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



2D63ED



D10096



537A00



008844

Sweetspot

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



2D63ED



C2D3FF



2DED B7



5B6580



000000



808080

Same Dimension

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



2D63ED



084DFF



572DED



6A6D75



0033B5



000F36

Inverse Universe

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



ED2D63



FF084D



C3ED2D



756A6D



B50033



36000F

Previews

White Background



This preview shows how the Hex color 2D63ED looks on a white background.

Color Contrast Check

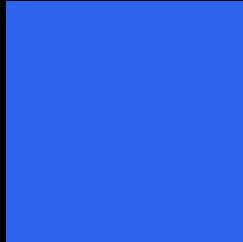
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D63ED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

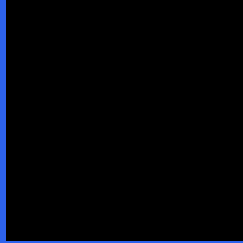
Any Text WCAG AA × Fail

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 2D63ED Background



This preview shows how black text looks on a background with the Hex color 2D63ED.

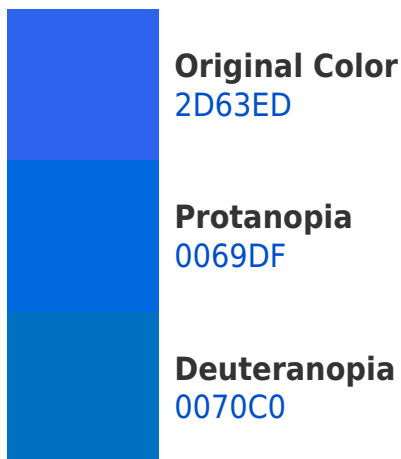


This preview shows how white text looks on a background with the Hex color 2D63ED.

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](#).

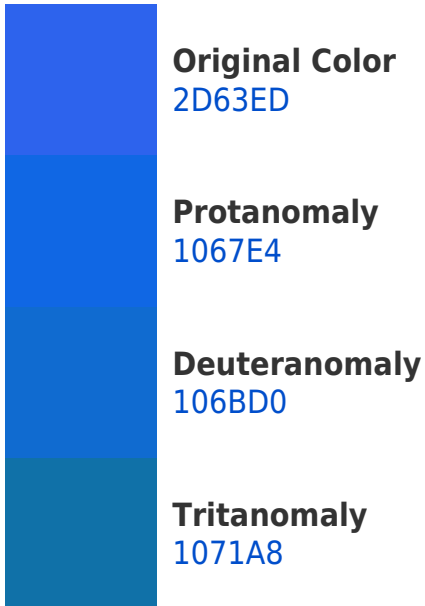
Dichromacy





Tritanopia
007981

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D63ED 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 #2D63ED looks like.

```
.text, #text, p{  
    color:#2D63ED  
}
```

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 #2D63ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D63ED
}
```

Border

The CSS property to change the border of an element to Hex 2D63ED 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
#2D63ED }
```

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

```
.border{ border-color:#2D63ED }
```

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

Here you see how a box with a 4 pixel #2D63ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D63ED; -webkit-box-shadow:4px 4px  
4px 4px #2D63ED; box-shadow:4px 4px 4px  
4px #2D63ED }
```

Background

The CSS property to change the background color of an element to Hex 2D63ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D63ED }
```

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

```
.background{ background-color:#2D63ED }
```

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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