

Converting Colors

Hex(2D43E5)

Have a look what the booklet for
Hex(2D43E5) contains.

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Color

Hex(2D43E5)

Conversions

Conversions Part 1

Format	Color
Hex	2D43E5
RGB	45, 67, 229
RGB Percent	18%, 26%, 90%
CMY	0.8235, 0.7373, 0.1020
CMYK	0.80, 0.71, 0.00, 0.10
HSL	233°, 78%, 54%
HSV	233°, 80%, 90%
XYZ	17.2322, 10.2293, 75.1950
YIQ	78.8900, -65.1140, 45.7180

Conversions

Conversions Part 2

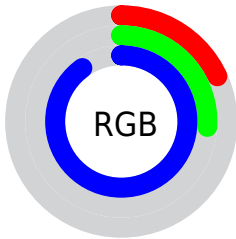
Format	Color
R_{YB}	45, 65, 229
Decimal	2966501
CIE _{Lab}	38.25, 49.15, -83.25
CIE _{LCh}	38, 96.673, 300.558
Yxy	10.2293, 0.1679, 0.0996
Android (android.graphics.Color)	4281156581 (0xFF2D43E5)
YUV	78.8900, 74.0042, -29.7215
Hunter-Lab	31.9833, 40.2026, -117.0064

Details

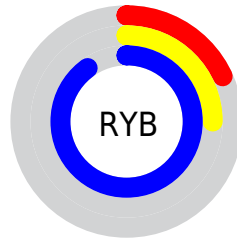
The Hex color **2D43E5** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **E5CF2D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **7B74FF**, and **0017AC** is the 20% darker color. If you saturate the color by 10%, you get **162FE5**, and if you desaturate by 10%, it is **4457E5**.

Distribution



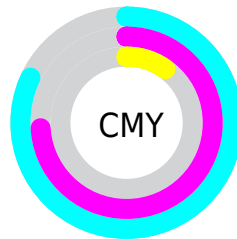
- Red (18%)
- Green (26%)
- Blue (90%)



- Red (18%)
- Yellow (25%)
- Blue (90%)



- Cyan (80%)
- Magenta (71%)
- Yellow (0%)
- Black (10%)



- Cyan (82%)
- Magenta (74%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D43E5 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 2D43E5 by changing the saturation by 10% instead.

 2D43E5

 2D43E5


FFFFFF

 002CC8

 7B74FF

 0017AC

 9B8EFF

 000591

 BBA9FF

 000076

 DAC4FF

 000D5C

 FAE0FF

 000743

 FFFDFF

 00032C

 000117

 000000

■ 2D43E5

■ 2D43E5

■ 162FE5

■ 4457E5

■ 001BE5

■ 5B6BE5

■ 727FE5

■ 8994E5

■ A0A8E5

■ B6BCE5

■ CDD0E5

■ E4E4E5

■ FBF8E5

Harmonies

Analogous

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



0067FC



2D43E5



B200A9

Triad

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



2D43E5



A82E00



00755A

Complementary

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



2D43E5



E5CF2D

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



2D43E5



6D5900

Square

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



2D43E5



CF0010



006A00



0077A9

Rectangle

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



2D43E5



D00076



006A00



00743E

Sweetspot

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



2D43E5



C2C9FF



2DE5CC



5B5F80



000000



808080

Same Dimension

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



2D43E5



0A27FF



702DE5



676973



0015B3



000633

Inverse Universe

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



E52D43



FF0A27



A2E52D



736769



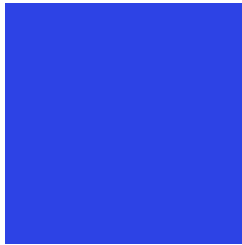
B30015



330006

Previews

White Background



This preview shows how the Hex color 2D43E5 looks on a white background.

Color Contrast Check

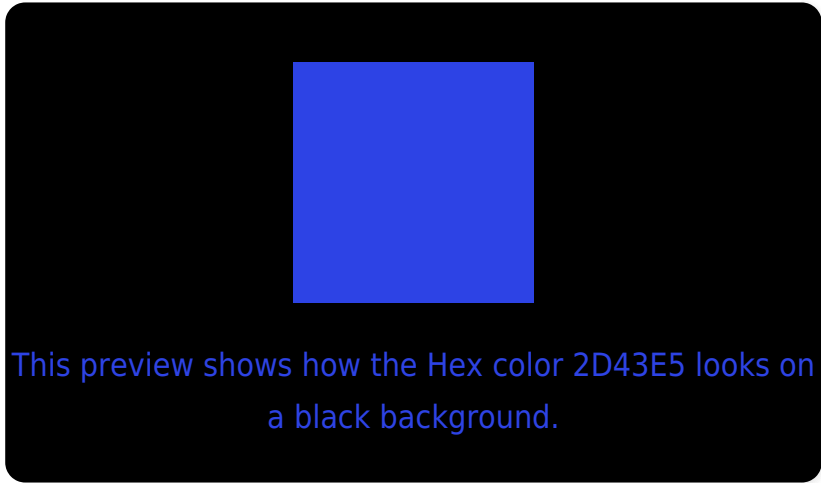
Large Text (above 18pt) WCAG AA ✓ Pass

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

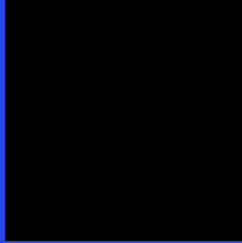
Any Text WCAG AA × Fail

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 2D43E5 Background



This preview shows how black text looks on a background with the Hex color 2D43E5.

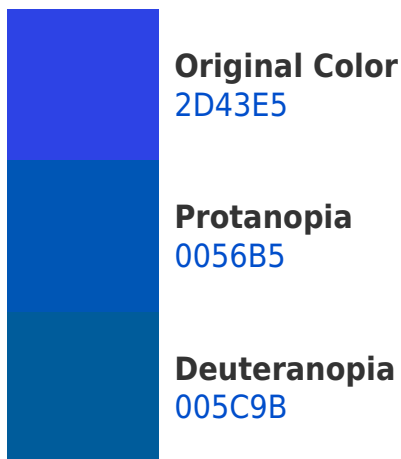


This preview shows how white text looks on a background with the Hex color 2D43E5.

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
2D43E5



Protanomaly
104FC6



Deuteranomaly
1053B6



Tritanomaly
105796

Monochromacy



Original Color
2D43E5



Achromatopsia
4F4F4F



Achromatomaly
434B86

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D43E5 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 #2D43E5 looks like.

```
.text, #text, p{  
    color:#2D43E5  
}
```

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 #2D43E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D43E5
}
```

Border

The CSS property to change the border of an element to Hex 2D43E5 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
#2D43E5 }
```

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

```
.border{ border-color:#2D43E5 }
```

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

Here you see how a box with a 4 pixel #2D43E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D43E5; -webkit-box-shadow:4px 4px  
4px 4px #2D43E5; box-shadow:4px 4px 4px  
4px #2D43E5 }
```

Background

The CSS property to change the background color of an element to Hex 2D43E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D43E5 }
```

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

```
.background{ background-color:#2D43E5 }
```

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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