

Converting Colors

Hex(2D40E5)

Have a look what the booklet for
Hex(2D40E5) contains.

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Color

Hex(2D40E5)

Conversions

Conversions Part 1

Format	Color
Hex	2D40E5
RGB	45, 64, 229
RGB Percent	18%, 25%, 90%
CMY	0.8235, 0.7490, 0.1020
CMYK	0.80, 0.72, 0.00, 0.10
HSL	234°, 78%, 54%
HSV	234°, 80%, 90%
XYZ	17.0584, 9.8818, 75.1370
YIQ	77.1290, -64.2890, 47.2870

Conversions

Conversions Part 2

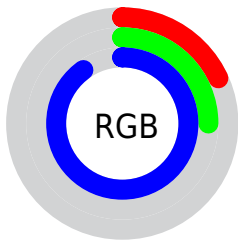
Format	Color
R_{YB}	45, 62, 229
Decimal	2965733
CIE _{Lab}	37.63, 50.87, -84.27
CIE _{LCh}	38, 98.438, 301.119
Yxy	9.8818, 0.1671, 0.0968
Android (android.graphics.Color)	4281155813 (0xFF2D40E5)
YUV	77.1290, 74.8724, -28.1771
Hunter-Lab	31.4354, 41.8514, -119.7106

Details


The Hex color **2D40E5** 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 **E5D22D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **7B71FF**, and **0013AC** is the 20% darker color. If you saturate the color by 10%, you get **162BE5**, and if you desaturate by 10%, it is **4455E5**.

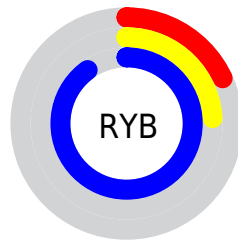
Distribution



 Red (18%)

 Green (25%)

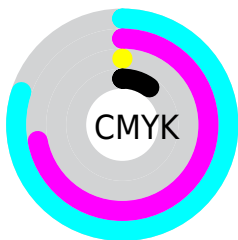
 Blue (90%)





 Red (18%)

 Yellow (24%)

 Blue (90%)

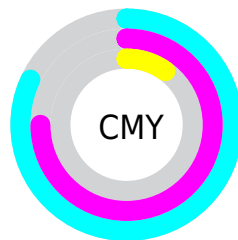



 Cyan (80%)

 Magenta (72%)

 Yellow (0%)

 Black (10%)



 Cyan (82%)

 Magenta (75%)

 Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D40E5 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 2D40E5 by changing the saturation by 10% instead.

■ 2D40E5

■ 2D40E5

FFFFFF

■ 0029C8

■ 7B71FF

■ 0013AC

■ 9B8BFF

■ 000290

■ BBA5FF

■ 000076

■ DBC1FF

■ 000D5C

■ FADDFE

■ 000743

■ FFFAFF

■ 00032C

■ 000116

■ 000000

■ 2D40E5

■ 2D40E5

■ 162BE5

■ 4455E5

■ 0018E5

■ 5B69E5

■ 727EE5

■ 8992E5

■ A0A7E5

■ B6BBE5

■ CDD0E5

■ E4E4E5

■ FBF9E5

Harmonies

Analogous

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



0065FD



2D40E5



B300A7

Triad

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



2D40E5



A62D00



00735A

Complementary

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



2D40E5



E5D22D

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



2D40E5



6A5800

Square

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



2D40E5



CE000B



006900



0075AB

Rectangle

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



2D40E5



D10074



006900



00733D

Sweetspot

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



2D40E5



C2C8FF



2DE5D0



5B5E80



000000



808080

Same Dimension

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



2D40E5



0A23FF



742DE5



676873



0012B3



000533

Inverse Universe

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



E52D40



FF0A23



9EE52D



736768



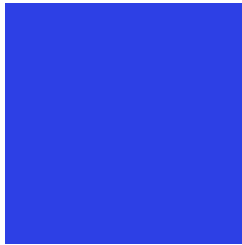
B30012



330005

Previews

White Background



This preview shows how the Hex color 2D40E5 looks on a white background.

Color Contrast Check

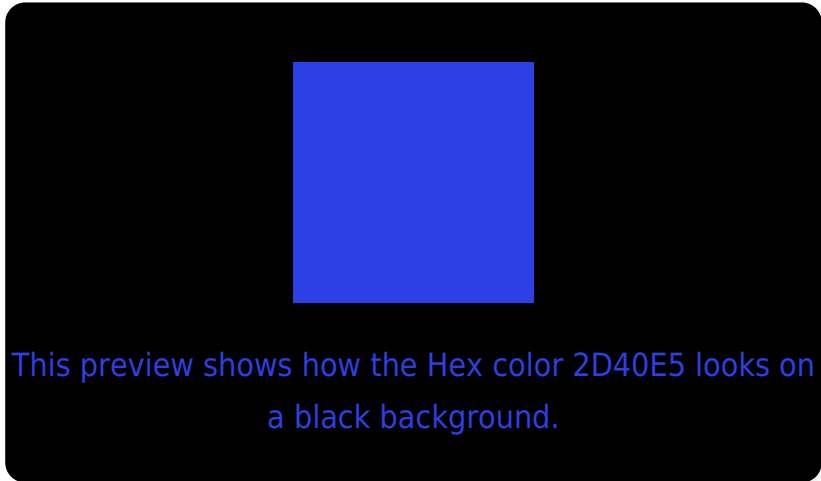
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

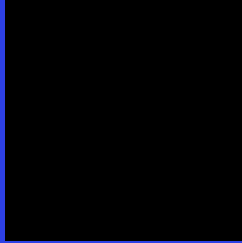
Any Text WCAG AA × Fail

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 2D40E5 Background



This preview shows how black text looks on a background with the Hex color 2D40E5.



This preview shows how white text looks on a background with the Hex color 2D40E5.

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

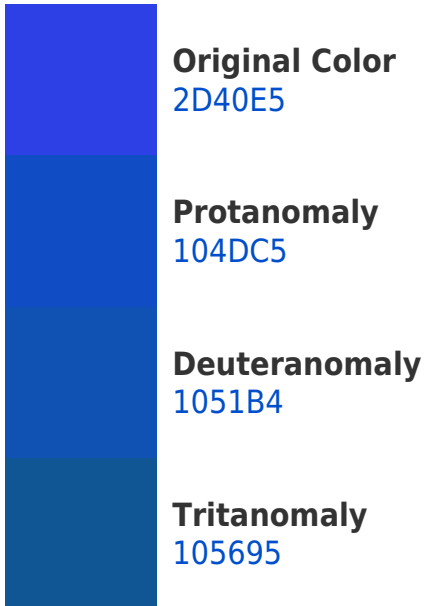


Original Color
2D40E5

Protanopia
0055B2

Deuteranopia
005A98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D40E5 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 #2D40E5 looks like.

```
.text, #text, p{  
    color:#2D40E5  
}
```

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 #2D40E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D40E5
}
```

Border

The CSS property to change the border of an element to Hex 2D40E5 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
#2D40E5 }
```

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

```
.border{ border-color:#2D40E5 }
```

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

Here you see how a box with a 4 pixel #2D40E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D40E5; -webkit-box-shadow:4px 4px  
4px 4px #2D40E5; box-shadow:4px 4px 4px  
4px #2D40E5 }
```

Background

The CSS property to change the background color of an element to Hex 2D40E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D40E5 }
```

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

```
.background{ background-color:#2D40E5 }
```

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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