

Converting Colors

Hex(2D55E0)

Have a look what the booklet for
Hex(2D55E0) contains.

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Color

Hex(2D55E0)

Conversions

Conversions Part 1

Format	Color
Hex	2D55E0
RGB	45, 85, 224
RGB Percent	18%, 33%, 88%
CMY	0.8235, 0.6667, 0.1216
CMYK	0.80, 0.62, 0.00, 0.12
HSL	227°, 74%, 53%
HSV	227°, 80%, 88%
XYZ	17.7852, 12.4367, 71.9841
YIQ	88.8860, -68.4590, 34.7490

Conversions

Conversions Part 2

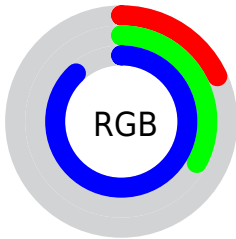
Format	Color
R_{YB}	45, 78, 224
Decimal	2971104
CIE _{Lab}	41.90, 36.41, -74.40
CIE _{LCh}	42, 82.829, 296.075
Yxy	12.4367, 0.1740, 0.1217
Android (android.graphics.Color)	4281161184 (0xFF2D55E0)
YUV	88.8860, 66.6112, -38.4880
Hunter-Lab	35.2657, 28.3063, -96.3364

Details

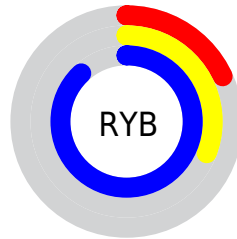
The Hex color **2D55E0** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E0B82D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7886FF**, and **0029A7** is the 20% darker color. If you saturate the color by 10%, you get **1744E0**, and if you desaturate by 10%, it is **4366E0**.

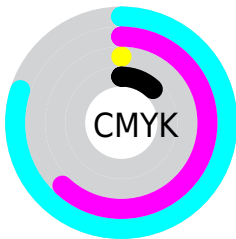
Distribution



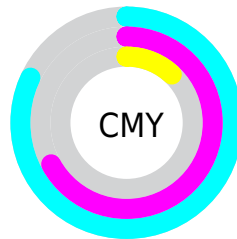
- Red (18%)
- Green (33%)
- Blue (88%)



- Red (18%)
- Yellow (31%)
- Blue (88%)



- Cyan (80%)
- Magenta (62%)
- Yellow (0%)
- Black (12%)



- Cyan (82%)
- Magenta (67%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D55E0 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 2D55E0 by changing the saturation by 10% instead.

■ 2D55E0

■ 2D55E0

FFFFFF

■ 003EC3

■ 7886FF

■ 0029A7

■ 98A0FF

■ 00168C

■ B7BBFF

■ 000072

■ D6D7FF

■ 000B58

■ F5F4FF

■ 000740

■ 000329

■ 000113

■ 000000

■ 2D55E0

■ 2D55E0

■ 1744E0

■ 4366E0

■ 0032E0

■ 5A78E0

■ 7089E0

■ 879BE0

■ 9DACE0

■ B3BDE0

■ CACFE0

■ E0E0E0

■ F7F2E0

Harmonies

Analogous

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



0070EE



2D55E0



A81EB0

Triad

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



2D55E0



B23A00



007D58

Complementary

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



2D55E0



E0B82D

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.



007900



2D55E0



815E00

Square

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



2D55E0



D0002D



3E7000



007E9E

Rectangle

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



2D55E0



C80086



3E7000



007C3F

Sweetspot

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



2D55E0



C2CFFF



2DE0B6



5B6380



000000



808080

Same Dimension

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



2D55E0



0A41FF



5D2DE0



656770



0027B0



000B30

Inverse Universe

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



E02D55



FF0A41



B0E02D



706567



B00027



30000B

Previews

White Background



This preview shows how the Hex color 2D55E0 looks on a white background.

Color Contrast Check

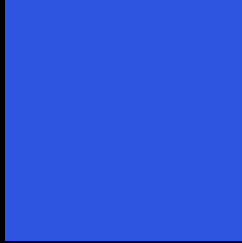
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D55E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

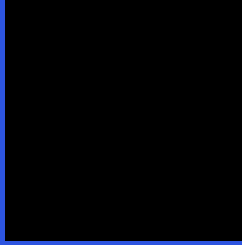
Any Text WCAG AA × Fail

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 2D55E0 Background



This preview shows how black text looks on a background with the Hex color 2D55E0.



This preview shows how white text looks on a background with the Hex color 2D55E0.

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
2D55E0

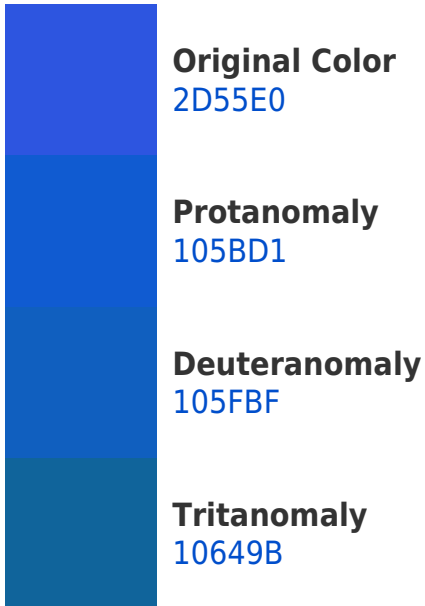
Protanopia
005FC8

Deuteranopia
0065AC



Tritanopia
006D74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D55E0 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 #2D55E0 looks like.

```
.text, #text, p{  
    color:#2D55E0  
}
```

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 #2D55E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D55E0
}
```

Border

The CSS property to change the border of an element to Hex 2D55E0 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
#2D55E0 }
```

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

```
.border{ border-color:#2D55E0 }
```

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

Here you see how a box with a 4 pixel #2D55E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D55E0; -webkit-box-shadow:4px 4px  
4px 4px #2D55E0; box-shadow:4px 4px 4px  
4px #2D55E0 }
```

Background

The CSS property to change the background color of an element to Hex 2D55E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D55E0 }
```

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

```
.background{ background-color:#2D55E0 }
```

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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