

Converting Colors

Hex(2E5CD1)

Have a look what the booklet for
Hex(2E5CD1) contains.

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Color

Hex(2E5CD1)

Conversions

Conversions Part 1

Format	Color
Hex	2E5CD1
RGB	46, 92, 209
RGB Percent	18%, 36%, 82%
CMY	0.8196, 0.6392, 0.1804
CMYK	0.78, 0.56, 0.00, 0.18
HSL	223°, 64%, 50%
HSV	223°, 78%, 82%
XYZ	16.4625, 12.8386, 61.9320
YIQ	91.5840, -64.9730, 26.6350

Conversions

Conversions Part 2

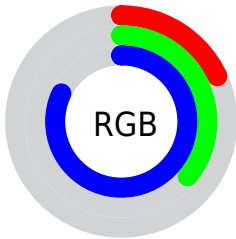
Format	Color
R_{YB}	46, 82, 209
Decimal	3038417
CIE _{Lab}	42.52, 26.47, -64.82
CIE _{LCh}	43, 70.014, 292.218
Yxy	12.8386, 0.1804, 0.1407
Android (android.graphics.Color)	4281228497 (0xFF2E5CD1)
YUV	91.5840, 57.8861, -39.9772
Hunter-Lab	35.8310, 19.3074, -77.3981

Details

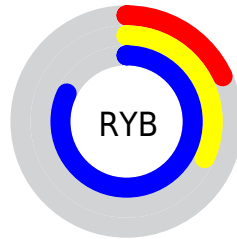
The Hex color **2E5CD1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **D1A32E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **748EFF**, and **002F99** is the 20% darker color. If you saturate the color by 10%, you get **194DD1**, and if you desaturate by 10%, it is **436BD1**.

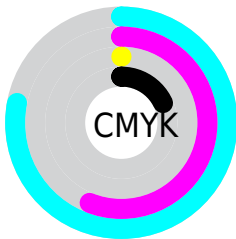
Distribution



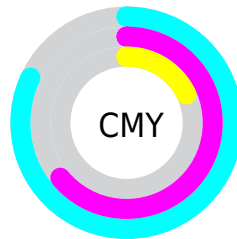
- Red (18%)
- Green (36%)
- Blue (82%)



- Red (18%)
- Yellow (32%)
- Blue (82%)



- Cyan (78%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5CD1 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 2E5CD1 by changing the saturation by 10% instead.

■ 2E5CD1

■ 2E5CD1

FFFFFF

■ 0045B5

■ 748EFF

■ 002F99

■ 93A8FF

■ 001C7F

■ B2C3FF

■ 000565

■ D0DFFF

■ 00094C

■ EFFBFF

■ 000434

■ 00021E

■ 000000

■ 2E5CD1

■ 2E5CD1

■ 194DD1

■ 436BD1

■ 043ED1

■ 587AD1

■ 003BD1

■ 6D89D1

■ 8298D1

■ 97A7D1

■ ABB6D1

■ C0C5D1

■ D5D4D1

■ EAE3D1

Harmonies

Analogous

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



0070D8



2E5CD1



993BAC

Triad

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



2E5CD1



AF4000



007C53

Complementary

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



2E5CD1



D1A32E

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.



007710



2E5CD1



875D00

Square

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



2E5CD1



C5173D



516E00



007D8F

Rectangle

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



2E5CD1



B81D89



516E00



007B3E

Sweetspot

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



2E5CD1



C4D5FF



2ED1A3



5C6680



000000



808080

Same Dimension

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



2E5CD1



0F53FF



512ED1



5E6169



002FA8



000C29

Inverse Universe

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



D12E5C



FF0F53



AED12E



695E61



A8002F



29000C

Previews

White Background



This preview shows how the Hex color 2E5CD1 looks on a white background.

Color Contrast Check

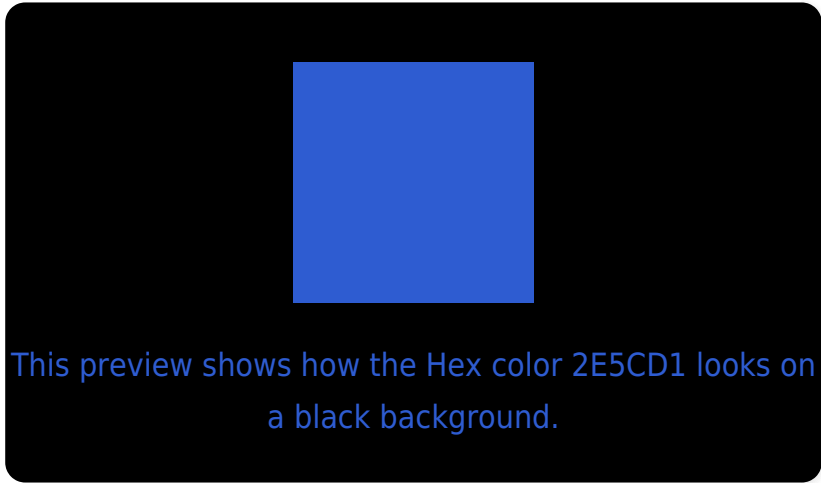
Large Text (above 18pt) WCAG AA ✓ Pass

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

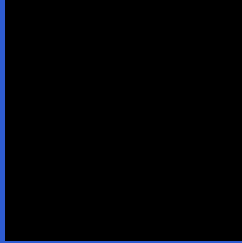
Any Text WCAG AA × Fail

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 2E5CD1 Background



This preview shows how black text looks on a background with the Hex color 2E5CD1.



This preview shows how white text looks on a background with the Hex color 2E5CD1.

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](#).

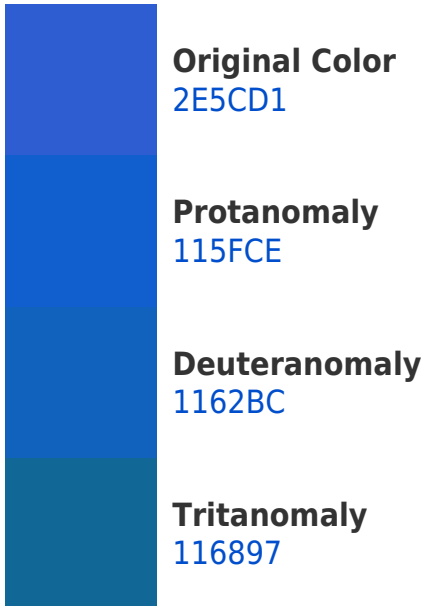
Dichromacy



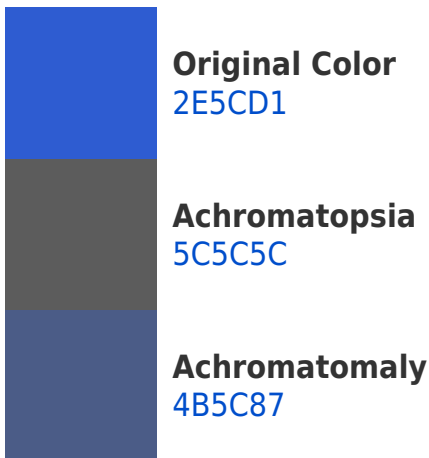


Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5CD1 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 #2E5CD1 looks like.

```
.text, #text, p{  
    color:#2E5CD1  
}
```

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 #2E5CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5CD1
}
```

Border

The CSS property to change the border of an element to Hex 2E5CD1 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
#2E5CD1 }
```

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

```
.border{ border-color:#2E5CD1 }
```

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

Here you see how a box with a 4 pixel #2E5CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5CD1; -webkit-box-shadow:4px 4px  
4px 4px #2E5CD1; box-shadow:4px 4px 4px  
4px #2E5CD1 }
```

Background

The CSS property to change the background color of an element to Hex 2E5CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5CD1 }
```

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

```
.background{ background-color:#2E5CD1 }
```

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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