

Converting Colors

Hex(2E5DC5)

Have a look what the booklet for
Hex(2E5DC5) contains.

Hex(2E5DC5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E5DC5)

Conversions

Conversions Part 1

Format	Color
Hex	2E5DC5
RGB	46, 93, 197
RGB Percent	18%, 36%, 77%
CMY	0.8196, 0.6353, 0.2275
CMYK	0.77, 0.53, 0.00, 0.23
HSL	221°, 62%, 48%
HSV	221°, 77%, 77%
XYZ	15.1191, 12.4408, 54.4278
YIQ	90.8030, -61.3960, 22.3800

Conversions

Conversions Part 2

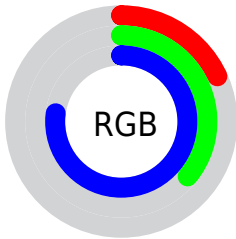
Format	Color
R_{YB}	46, 82, 197
Decimal	3038661
CIE _{Lab}	41.91, 21.31, -58.88
CIE _{LCh}	42, 62.622, 289.895
Yxy	12.4408, 0.1844, 0.1517
Android (android.graphics.Color)	4281228741 (0xFF2E5DC5)
YUV	90.8030, 52.3551, -39.2922
Hunter-Lab	35.2715, 14.7889, -66.8010

Details

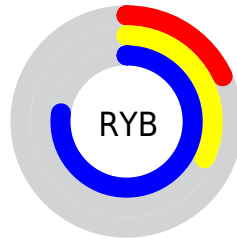
The Hex color **2E5DC5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C5962E**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **728FFE**, and **00308E** is the 20% darker color. If you saturate the color by 10%, you get **1A4FC5**, and if you desaturate by 10%, it is **426BC5**.

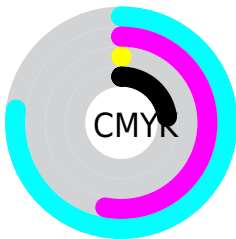
Distribution



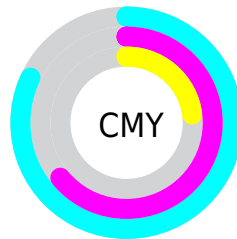
- Red (18%)
- Green (36%)
- Blue (77%)



- Red (18%)
- Yellow (32%)
- Blue (77%)



- Cyan (77%)
- Magenta (53%)
- Yellow (0%)
- Black (23%)



- Cyan (82%)
- Magenta (64%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5DC5 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 2E5DC5 by changing the saturation by 10% instead.

■ 2E5DC5

■ 2E5DC5

FFFFFF

■ 0046A9

■ 728FFE

■ 00308E

■ 90A9FF

■ 001D74

■ AEC4FF

■ 00035B

■ CCE0FF

■ 000742

■ EAF0FF

■ 00032B

■ 000115

■ 000000

■ 2E5DC5

■ 2E5DC5

■ 1A4FC5

■ 426BC5

■ 0742C5

■ 5578C5

■ 003DC5

■ 6986C5

■ 7D93C5

■ 91A1C5

■ A4AEC5

■ B8BCC5

■ CCCAC5

■ DFD7C5

Harmonies

Analogous

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



006EC9



2E5DC5



8E42A6

Triad

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



2E5DC5



AA4210



00784F

Complementary

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



2E5DC5



C5962E

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.



007417



2E5DC5



875A00

Square

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



2E5DC5



BB2643



586B00



007985

Rectangle

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



2E5DC5



AC2E87



586B00



00773D

Sweetspot

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



2E5DC5



C4D7FF



2EC595



5C6780



000000



808080

Same Dimension

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



2E5DC5



145DFF



4A2EC5



5A5D63



0033A3



000B24

Inverse Universe

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



C52E5D



FF145D



A9C52E



635A5D



A30033



24000B

Previews

White Background



This preview shows how the Hex color 2E5DC5 looks on a white background.

Color Contrast Check

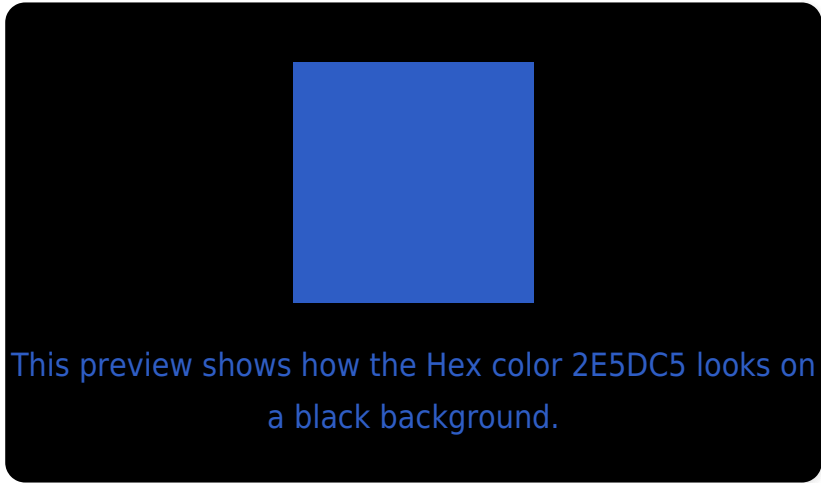
Large Text (above 18pt) WCAG AA ✓ Pass

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

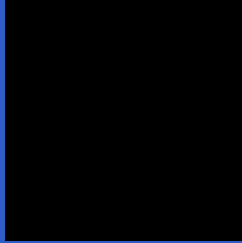
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

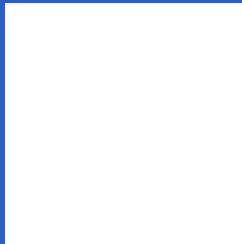
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E5DC5 Background



This preview shows how black text looks on a background with the Hex color 2E5DC5.

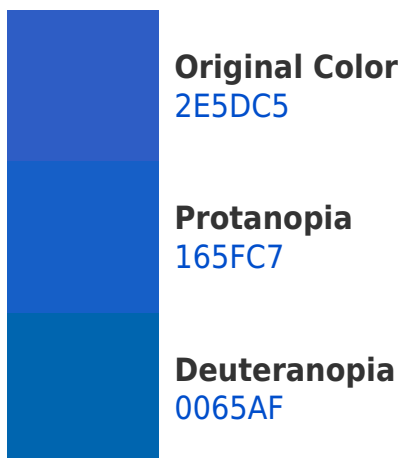


This preview shows how white text looks on a background with the Hex color 2E5DC5.

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](#).

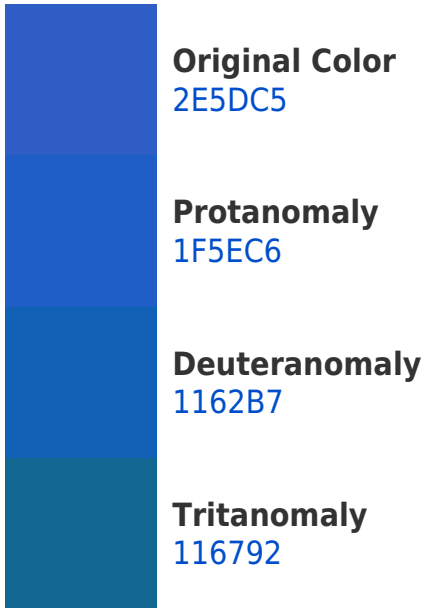
Dichromacy



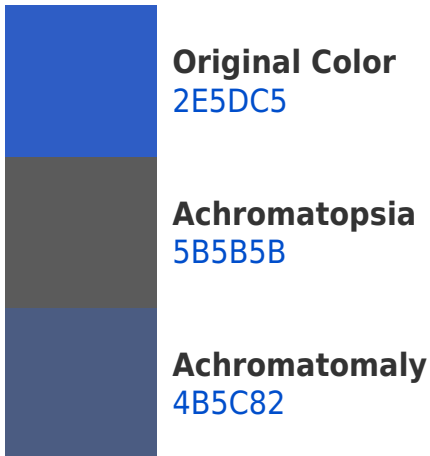


Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5DC5 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 #2E5DC5 looks like.

```
.text, #text, p{  
    color:#2E5DC5  
}
```

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 #2E5DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5DC5
}
```

Border

The CSS property to change the border of an element to Hex 2E5DC5 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
#2E5DC5 }
```

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

```
.border{ border-color:#2E5DC5 }
```

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

Here you see how a box with a 4 pixel #2E5DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5DC5; -webkit-box-shadow:4px 4px  
4px 4px #2E5DC5; box-shadow:4px 4px 4px  
4px #2E5DC5 }
```

Background

The CSS property to change the background color of an element to Hex 2E5DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5DC5 }
```

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

```
.background{ background-color:#2E5DC5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor