

Converting Colors

Hex(2E66C1)

Have a look what the booklet for
Hex(2E66C1) contains.

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Color

Hex(2E66C1)

Conversions

Conversions Part 1

Format	Color
Hex	2E66C1
RGB	46, 102, 193
RGB Percent	18%, 40%, 76%
CMY	0.8196, 0.6000, 0.2431
CMYK	0.76, 0.47, 0.00, 0.24
HSL	217°, 62%, 47%
HSV	217°, 76%, 76%
XYZ	15.5037, 13.9338, 52.3244
YIQ	95.6300, -62.5870, 16.4290

Conversions

Conversions Part 2

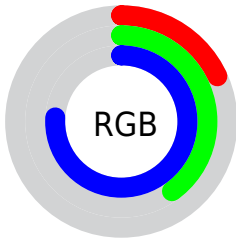
Format	Color
R_{YB}	46, 87, 193
Decimal	3040961
CIE _{Lab}	44.14, 13.98, -52.97
CIE _{LCh}	44, 54.782, 284.782
Yxy	13.9338, 0.1896, 0.1704
Android (android.graphics.Color)	4281231041 (0xFF2E66C1)
YUV	95.6300, 48.0034, -43.5255
Hunter-Lab	37.3281, 8.8135, -56.9799

Details

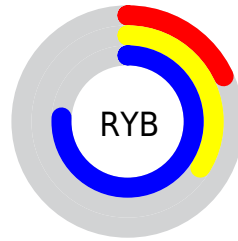
The Hex color **2E66C1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **C1892E**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7098FA**, and **00388B** is the 20% darker color. If you saturate the color by 10%, you get **1B5AC1**, and if you desaturate by 10%, it is **4172C1**.

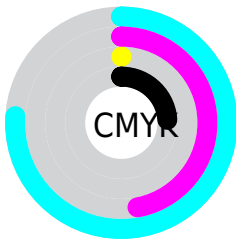
Distribution



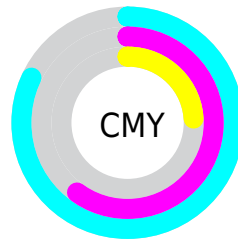
- Red (18%)
- Green (40%)
- Blue (76%)



- Red (18%)
- Yellow (34%)
- Blue (76%)



- Cyan (76%)
- Magenta (47%)
- Yellow (0%)
- Black (24%)



- Cyan (82%)
- Magenta (60%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E66C1 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 2E66C1 by changing the saturation by 10% instead.

■ 2E66C1

■ 2E66C1

FFFFFF

■ 004EA5

■ 7098FA

■ 00388B

■ 8EB3FF

■ 002471

■ ACCEFF

■ 000F58

■ CAEAFF

■ 00073F

■ E8FFFF

■ 000328

■ 000112

■ 000000

■ 2E66C1

■ 2E66C1

■ 1B5AC1

■ 4172C1

■ 074EC1

■ 557EC1

■ 004AC1

■ 688AC1

■ 7B96C1

■ 8FA2C1

■ A2AEC1

■ B5BAC1

■ C8C6C1

■ DCD2C1

Harmonies

Analogous

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



0074C0



2E66C1



8651AA

Triad

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



2E66C1



AD4A29



007C4F

Complementary

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



2E66C1



C1892E

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.



327721



2E66C1



915E00

Square

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



2E66C1



B93954



696D00



007D7E

Rectangle

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



2E66C1



A44390



696D00



007B3F

Sweetspot

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



2E66C1



C0D6FA



2EC189



5A677D



FCFCFC



7D7D7D

Same Dimension

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



2E66C1



166DFA



3F2EC1



575B61



003DA1



000D21

Inverse Universe

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



C12E66



FA166D



B0C12E



61575B



A1003D



21000D

Previews

White Background



This preview shows how the Hex color 2E66C1 looks on a white background.

Color Contrast Check

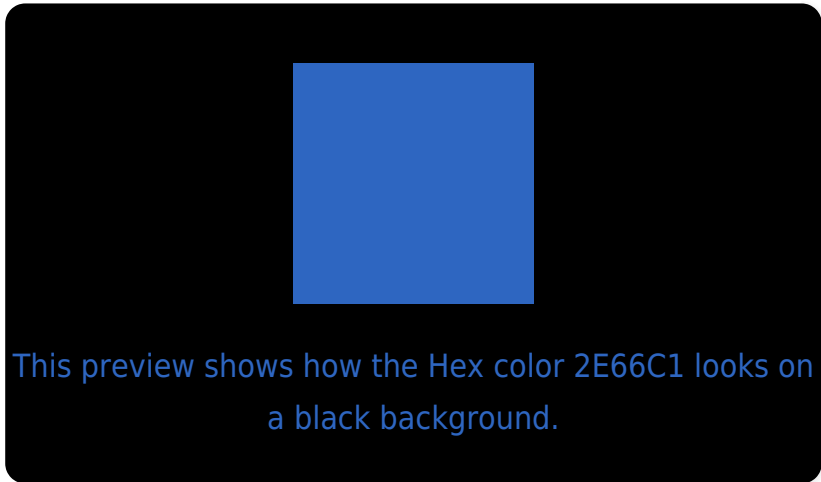
Large Text (above 18pt) WCAG AA ✓ Pass

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

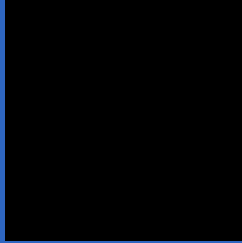
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

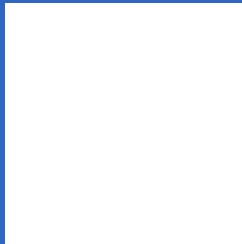
Any Text WCAG AAA × Fail

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

Hex 2E66C1 Background



This preview shows how black text looks on a background with the Hex color 2E66C1.



This preview shows how white text looks on a background with the Hex color 2E66C1.

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](#).

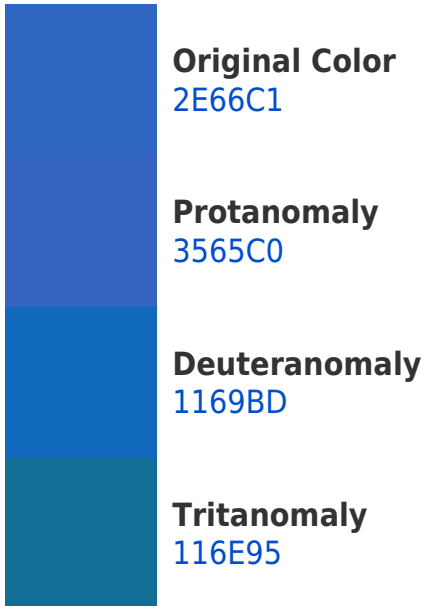
Dichromacy



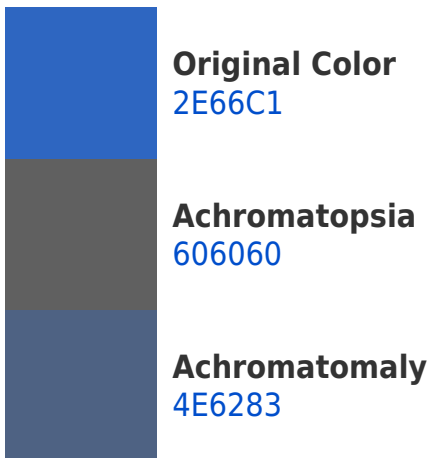


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E66C1 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 #2E66C1 looks like.

```
.text, #text, p{  
    color:#2E66C1  
}
```

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 #2E66C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E66C1
}
```

Border

The CSS property to change the border of an element to Hex 2E66C1 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".

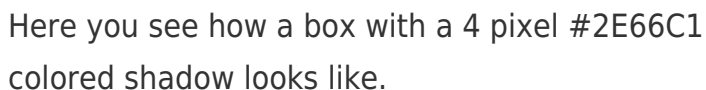
```
.border, #border, table{ border:4px solid
#2E66C1 }
```

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

```
.border{ border-color:#2E66C1 }
```

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

Here you see how a box with a 4 pixel #2E66C1 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E66C1; -webkit-box-shadow:4px 4px  
4px 4px #2E66C1; box-shadow:4px 4px 4px  
4px #2E66C1 }
```

Background

The CSS property to change the background color of an element to Hex 2E66C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E66C1 }
```

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

```
.background{ background-color:#2E66C1 }
```

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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