

Converting Colors

Hex(2E90CC)

Have a look what the booklet for
Hex(2E90CC) contains.

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Color

Hex(2E90CC)

Conversions

Conversions Part 1

Format	Color
Hex	2E90CC
RGB	46, 144, 204
RGB Percent	18%, 56%, 80%
CMY	0.8196, 0.4353, 0.2000
CMYK	0.77, 0.29, 0.00, 0.20
HSL	203°, 63%, 49%
HSV	203°, 77%, 80%
XYZ	21.9991, 24.8870, 60.7709
YIQ	121.5380, -77.6680, -2.1160

Conversions

Conversions Part 2

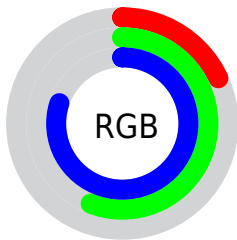
Format	Color
R_{YB}	46, 106, 204
Decimal	3051724
CIE Lab	56.97, -7.51, -38.87
CIE LCh	57, 39.586, 259.058
Yxy	24.8870, 0.2043, 0.2312
Android (android.graphics.Color)	4281241804 (0xFF2E90CC)
YUV	121.5380, 40.6538, -66.2468
Hunter-Lab	49.8869, -8.5873, -37.3048

Details

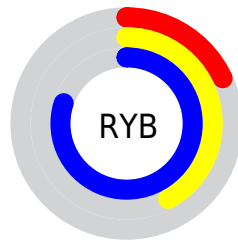
The Hex color **2E90CC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CC6A2E**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **73C6FF**, and **005E95** is the 20% darker color. If you saturate the color by 10%, you get **1A88CC**, and if you desaturate by 10%, it is **4298CC**.

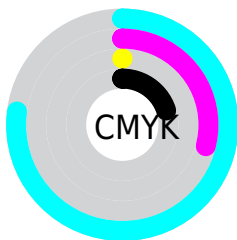
Distribution



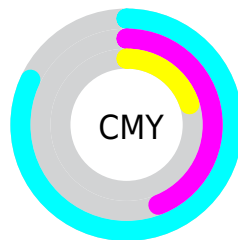
- Red (18%)
- Green (56%)
- Blue (80%)



- Red (18%)
- Yellow (42%)
- Blue (80%)



- Cyan (77%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E90CC 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 2E90CC by changing the saturation by 10% instead.

 2E90CC


 2E90CC

FFFFFF

 0076B0

 73C6FF

 005E95

 91E2FF

 00477B

 AFFE FF

 003062

 CDFF FF

 001C4A

 ECFF FF

 000433

 00021D

 000000

 2E90CC

 2E90CC

■ 1A88CC

■ 4298CC

■ 0581CC

■ 579FCC

■ 007FCC

■ 6BA7CC

■ 80AFCC

■ 94B7CC

■ A8BECC

■ BDC6CC

■ D1CECC

■ E6D6CC

Harmonies

Analogous

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



0097BC



2E90CC



7885CA

Triad

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



2E90CC



CA6D74



60955A

Complementary

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



2E90CC



CC6A2E

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.



888E45



2E90CC



C07656

Square

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



2E90CC



C36E97



A98244



289A7A

Rectangle

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



2E90CC



9A7CBE



A98244



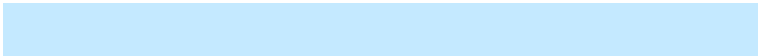
6E9351

Sweetspot

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



2E90CC



C4E9FF



2ECC68



5C7280



000000



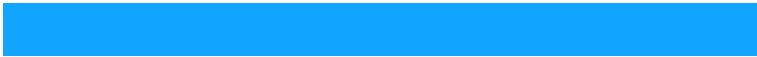
808080

Same Dimension

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



2E90CC



12A5FF



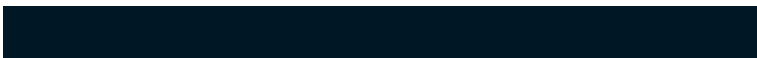
2E43CC



5C6266



0067A6



001826

Inverse Universe

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



CC2E90



FF12A5



CCB72E



665C62



A60067



260018

Previews

White Background



This preview shows how the Hex color 2E90CC looks on a white background.

Color Contrast Check

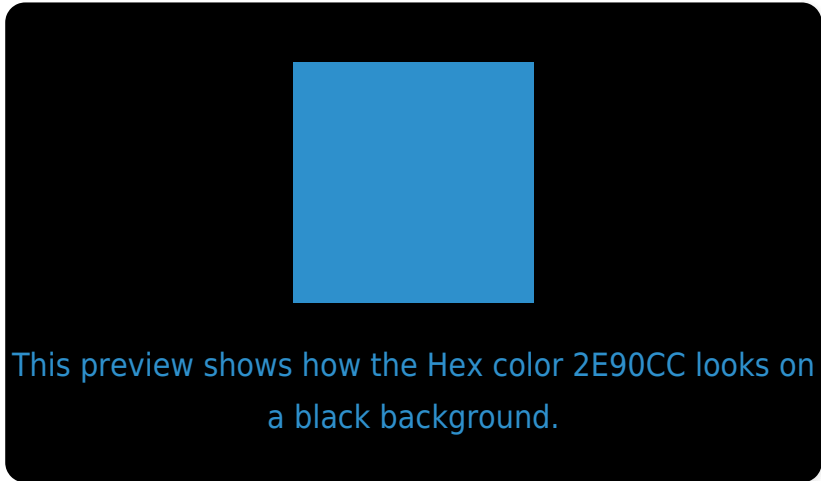
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

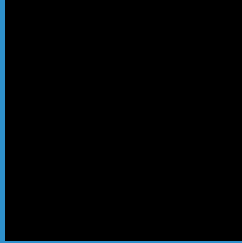
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

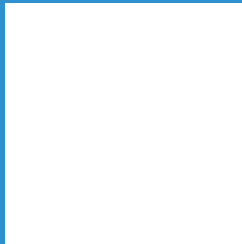
Any Text WCAG AAA × Fail

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

Hex 2E90CC Background



This preview shows how black text looks on a background with the Hex color 2E90CC.



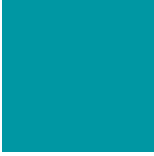
This preview shows how white text looks on a background with the Hex color 2E90CC.

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](#).

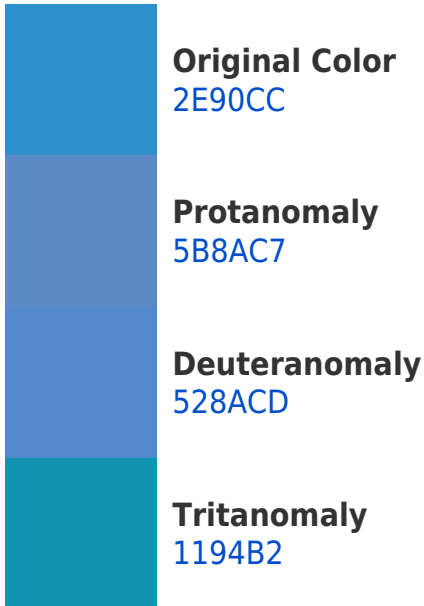
Dichromacy



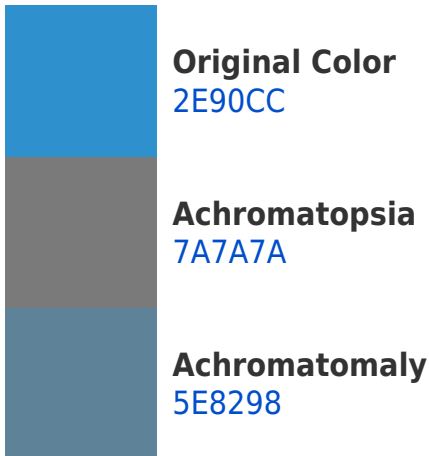


Tritanopia
0097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E90CC 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 #2E90CC looks like.

```
.text, #text, p{  
    color:#2E90CC  
}
```

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 #2E90CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E90CC
}
```

Border

The CSS property to change the border of an element to Hex 2E90CC 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
#2E90CC }
```

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

```
.border{ border-color:#2E90CC }
```

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

Here you see how a box with a 4 pixel #2E90CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E90CC; -webkit-box-shadow:4px 4px  
4px 4px #2E90CC; box-shadow:4px 4px 4px  
4px #2E90CC }
```

Background

The CSS property to change the background color of an element to Hex 2E90CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E90CC }
```

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

```
.background{ background-color:#2E90CC }
```

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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