

Converting Colors

Hex(2E82B4)

Have a look what the booklet for
Hex(2E82B4) contains.

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Color

Hex(2E82B4)

Conversions

Conversions Part 1

Format	Color
Hex	2E82B4
RGB	46, 130, 180
RGB Percent	18%, 51%, 71%
CMY	0.8196, 0.4902, 0.2941
CMYK	0.74, 0.28, 0.00, 0.29
HSL	202°, 59%, 44%
HSV	202°, 74%, 71%
XYZ	17.3476, 19.8414, 46.0955
YIQ	110.5840, -66.1140, -2.2580

Conversions

Conversions Part 2

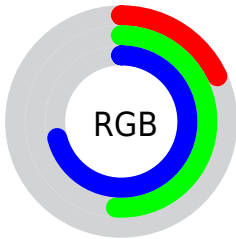
Format	Color
R_{YB}	46, 98, 180
Decimal	3048116
CIE _{Lab}	51.66, -8.01, -33.52
CIE _{LCh}	52, 34.467, 256.567
Yxy	19.8414, 0.2083, 0.2382
Android (android.graphics.Color)	4281238196 (0xFF2E82B4)
YUV	110.5840, 34.2221, -56.6402
Hunter-Lab	44.5437, -8.4345, -30.1749




Details

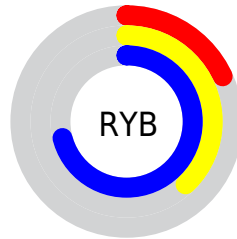
The Hex color **2E82B4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B4602E**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **6EB7EC**, and **00517F** is the 20% darker color. If you saturate the color by 10%, you get **1C7BB4**, and if you desaturate by 10%, it is **4089B4**.

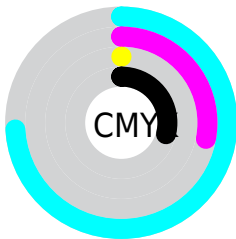
Distribution







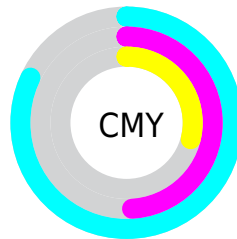
-  Red (18%)
-  Green (51%)
-  Blue (71%)






-  Red (18%)
-  Yellow (38%)
-  Blue (71%)



-  Cyan (74%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (82%)
-  Magenta (49%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E82B4 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 2E82B4 by changing the saturation by 10% instead.



2E82B4



2E82B4

FFFFFF



006999



6EB7EC



00517F



8BD2FF



003A66



A8EFFF



00254D



C6FFFF



000F36



E4FFFF



000220



000005



000000



2E82B4



2E82B4

■ 1C7BB4

■ 4089B4

■ 0A75B4

■ 528FB4

■ 0071B4

■ 6496B4

■ 769DB4

■ 88A4B4

■ 9AAAB4

■ ACB1B4

■ BEB8B4

■ D0BEB4

Harmonies

Analogous

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



0088A5



2E82B4



6978B4

Triad

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



2E82B4



B4646C



5C8651

Complementary

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



2E82B4



B4602E

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.



7D7F41



2E82B4



AD6A52

Square

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



2E82B4



AC658A



997541



328A6C

Rectangle

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



2E82B4



8771AB



997541



68844A

Sweetspot

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



2E82B4



B7D7EB



2EB45F



576A75



F5F5F5



757575

Same Dimension

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



2E82B4



1A9DEB



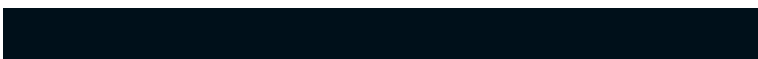
2E40B4



505659



006099



00101A

Inverse Universe

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



B42E82



EB1A9D



B4A22E



595056



990060



1A0010

Previews

White Background



This preview shows how the Hex color 2E82B4 looks on a white background.

Color Contrast Check

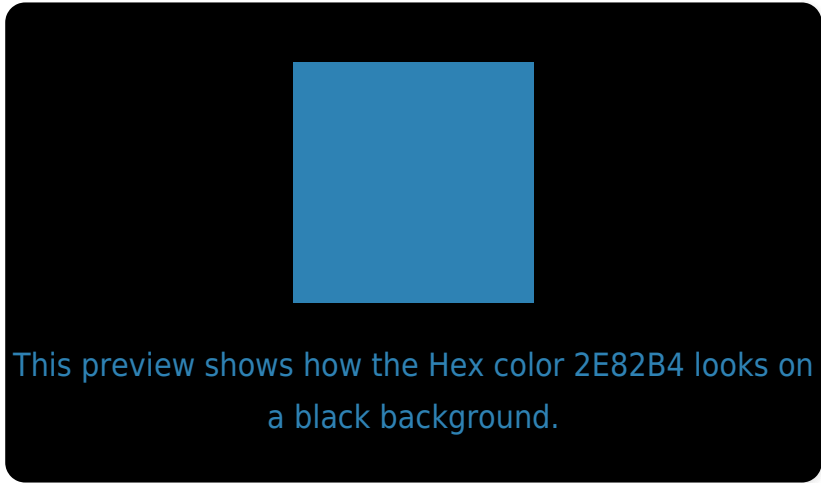
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E82B4 Background



This preview shows how black text looks on a background with the Hex color 2E82B4.

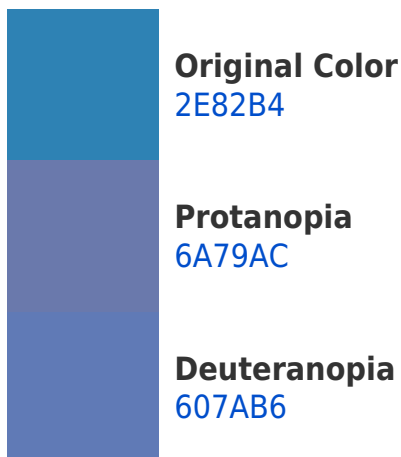


This preview shows how white text looks on a background with the Hex color 2E82B4.

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](#).

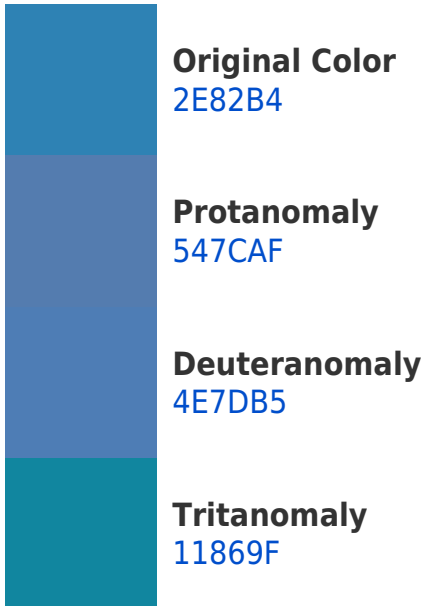
Dichromacy



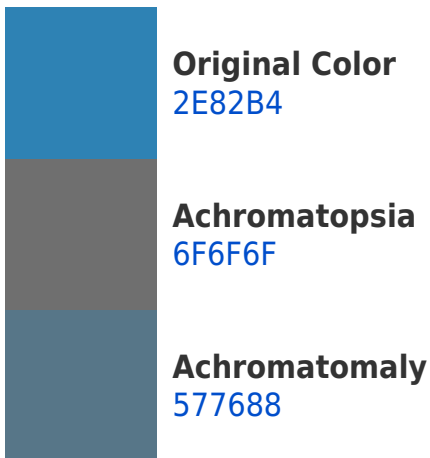


Tritanopia
008893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E82B4 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 #2E82B4 looks like.

```
.text, #text, p{  
    color:#2E82B4  
}
```

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 #2E82B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E82B4
}
```

Border

The CSS property to change the border of an element to Hex 2E82B4 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
#2E82B4 }
```

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

```
.border{ border-color:#2E82B4 }
```

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

Here you see how a box with a 4 pixel #2E82B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E82B4; -webkit-box-shadow:4px 4px  
4px 4px #2E82B4; box-shadow:4px 4px 4px  
4px #2E82B4 }
```

Background

The CSS property to change the background color of an element to Hex 2E82B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E82B4 }
```

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

```
.background{ background-color:#2E82B4 }
```

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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