

Converting Colors

Hex(2E77A4)

Have a look what the booklet for
Hex(2E77A4) contains.

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Color

Hex(2E77A4)

Conversions

Conversions Part 1

Format	Color
Hex	2E77A4
RGB	46, 119, 164
RGB Percent	18%, 47%, 64%
CMY	0.8196, 0.5333, 0.3569
CMYK	0.72, 0.27, 0.00, 0.36
HSL	203°, 56%, 41%
HSV	203°, 72%, 64%
XYZ	14.4244, 16.4548, 37.5378
YIQ	102.3030, -57.9530, -1.4810

Conversions

Conversions Part 2

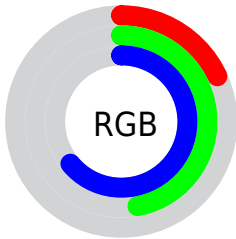
Format	Color
RYB	46, 91, 164
Decimal	3045284
CIELab	47.57, -7.29, -30.64
CIElCh	48, 31.497, 256.618
Yxy	16.4548, 0.2108, 0.2405
Android (android.graphics.Color)	4281235364 (0xFF2E77A4)
YUV	102.3030, 30.4166, -49.3777
Hunter-Lab	40.5646, -7.5150, -26.4709

Details

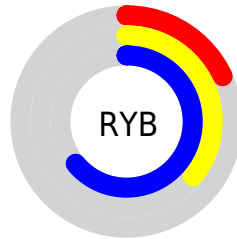
The Hex color **2E77A4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A45B2E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **6BABDB**, and **004770** is the 20% darker color. If you saturate the color by 10%, you get **1E71A4**, and if you desaturate by 10%, it is **3E7DA4**.

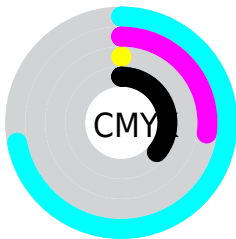
Distribution



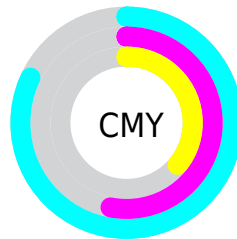
- Red (18%)
- Green (47%)
- Blue (64%)



- Red (18%)
- Yellow (36%)
- Blue (64%)



- Cyan (72%)
- Magenta (27%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E77A4 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 2E77A4 by changing the saturation by 10% instead.

■ 2E77A4

■ 2E77A4

FFFFFF

■ 005E8A

■ 6BABDB

■ 004770

■ 87C6F8

■ 003157

■ A4E2FF

■ 001C40

■ C1FFFF

■ 00032A

■ DEFFFF

■ 000114

■ FCFFFF

■ 000000

■ 2E77A4

■ 2E77A4

■ 1E71A4

■ 3E7DA4

0D6AA4

4F84A4

0065A4

5F8AA4

7090A4

8096A4

909DA4

A1A3A4

B1A9A4

C2AFA4

Harmonies

Analogous

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



007D97



2E77A4



616EA4

Triad

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



2E77A4



A45C63



557A4B

Complementary

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



2E77A4



A45B2E

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.



73743D



2E77A4



9D624B

Square

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



2E77A4



9D5D7E



8C6B3D



307E64

Rectangle

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



2E77A4



7B689B



8C6B3D



607945

Sweetspot

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



2E77A4



A7C4D6



2EA459



4F606B



EBEBEB



6B6B6B

Same Dimension

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



2E77A4



1E90D6



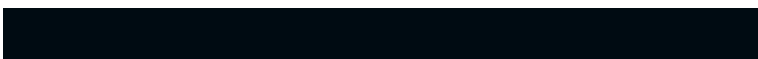
2E3EA4



494E52



005A91



000B12

Inverse Universe

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



A42E77



D61E90



A4942E



52494E



91005A



12000B

Previews

White Background



This preview shows how the Hex color 2E77A4 looks on a white background.

Color Contrast Check

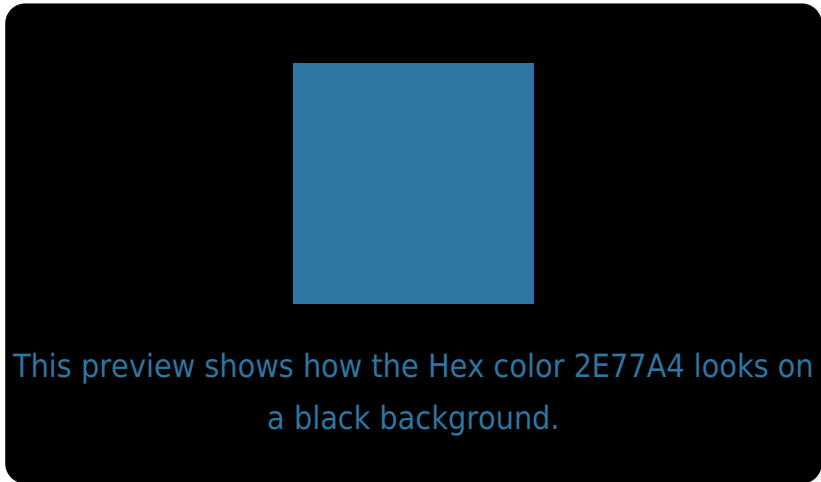
Large Text (above 18pt) WCAG AA ✓ Pass

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

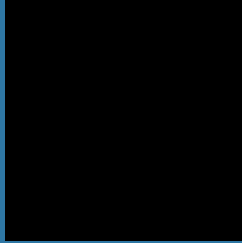
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

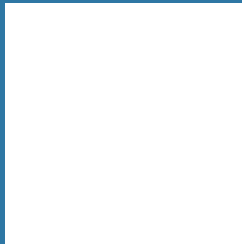
Any Text WCAG AAA × Fail

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

Hex 2E77A4 Background



This preview shows how black text looks on a background with the Hex color 2E77A4.

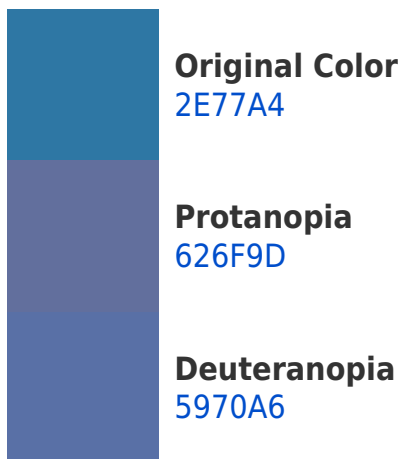


This preview shows how white text looks on a background with the Hex color 2E77A4.

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](#).

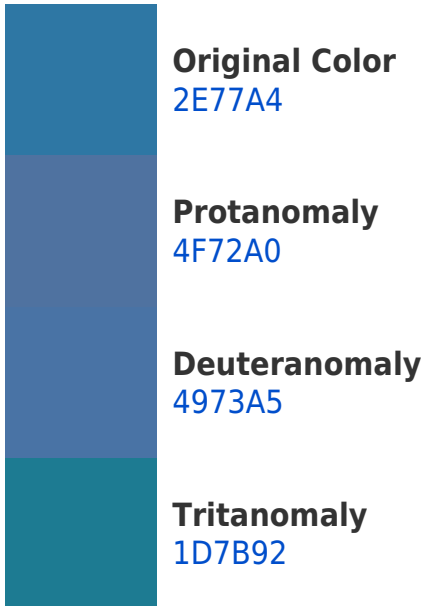
Dichromacy



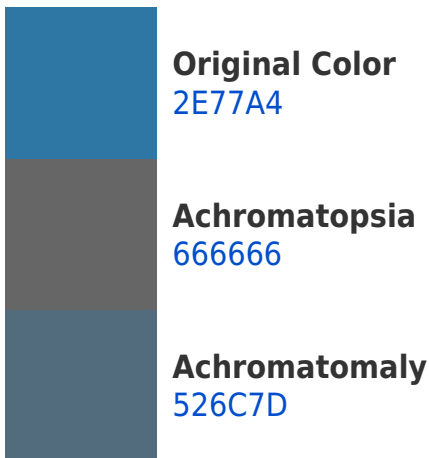


Tritanopia
147D87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E77A4 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 #2E77A4 looks like.

```
.text, #text, p{  
    color:#2E77A4  
}
```

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 #2E77A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E77A4
}
```

Border

The CSS property to change the border of an element to Hex 2E77A4 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
#2E77A4 }
```

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

```
.border{ border-color:#2E77A4 }
```

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

Here you see how a box with a 4 pixel #2E77A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E77A4; -webkit-box-shadow:4px 4px  
4px 4px #2E77A4; box-shadow:4px 4px 4px  
4px #2E77A4 }
```

Background

The CSS property to change the background color of an element to Hex 2E77A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E77A4 }
```

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

```
.background{ background-color:#2E77A4 }
```

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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