

Converting Colors

Hex(2E7499)

Have a look what the booklet for
Hex(2E7499) contains.

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Color

Hex(2E7499)

Conversions

Conversions Part 1

Format	Color
Hex	2E7499
RGB	46, 116, 153
RGB Percent	18%, 45%, 60%
CMY	0.8196, 0.5451, 0.4000
CMYK	0.70, 0.24, 0.00, 0.40
HSL	201°, 54%, 39%
HSV	201°, 70%, 60%
XYZ	13.1219, 15.3715, 32.4124
YIQ	99.2880, -53.5970, -3.3330

Conversions

Conversions Part 2

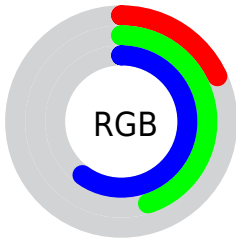
Format	Color
R_{YB}	46, 88, 153
Decimal	3044505
CIE _{Lab}	46.14, -9.42, -26.40
CIE _{LCh}	46, 28.035, 250.361
Yxy	15.3715, 0.2154, 0.2524
Android (android.graphics.Color)	4281234585 (0xFF2E7499)
YUV	99.2880, 26.4800, -46.7336
Hunter-Lab	39.2065, -8.8700, -21.5710

Details

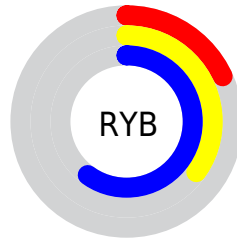
The Hex color **2E7499** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **99532E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **69A8CF**, and **004466** is the 20% darker color. If you saturate the color by 10%, you get **1F6F99**, and if you desaturate by 10%, it is **3D7999**.

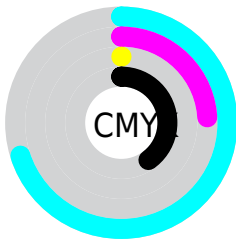
Distribution



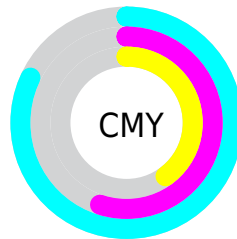
- Red (18%)
- Green (45%)
- Blue (60%)



- Red (18%)
- Yellow (35%)
- Blue (60%)



- Cyan (70%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7499 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 2E7499 by changing the saturation by 10% instead.

■ 2E7499

■ 2E7499

FFFFFF

■ 005B7F

■ 69A8CF

■ 004466

■ 85C3EC

■ 002E4E

■ A1DFFF

■ 001A37

■ BEFCFF

■ 000221

■ DBFFFF

■ 000006

■ F9FFFF

■ 000000

■ 2E7499

■ 2E7499

■ 1F6F99

■ 3D7999

0F6999

4D7F99

006499

5C8499

6B8999

7B8E99

8A9499

999999

A89E99

B8A499

Harmonies

Analogous

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



00788B



2E7499



586D9B

Triad

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



2E7499



9B5B66



5B7549

Complementary

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



2E7499



99532E

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.



756F3E



2E7499



985F50

Square

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



2E7499



915D7E



8A6741



3D795D

Rectangle

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



2E7499



706796



8A6741



647344

Sweetspot

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



2E7499



9DB8C7



2E9952



4B5B63



E3E3E3



636363

Same Dimension

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



2E7499



208DC7



2E4099



454A4D



005C8C



00080D

Inverse Universe

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



992E74



C7208D



99872E



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 2E7499 looks on a white background.

Color Contrast Check

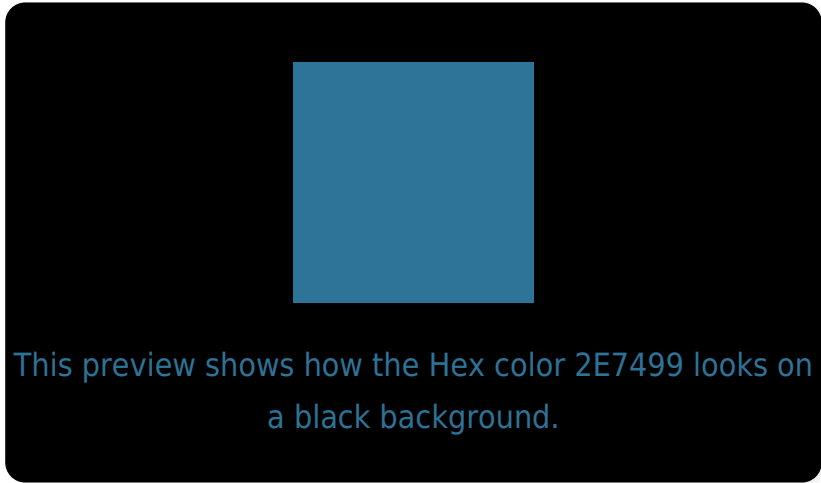
Large Text (above 18pt) WCAG AA ✓ Pass

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

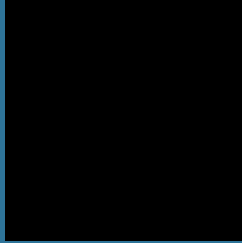
Any Text WCAG AA × Fail

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 2E7499 Background



This preview shows how black text looks on a background with the Hex color 2E7499.

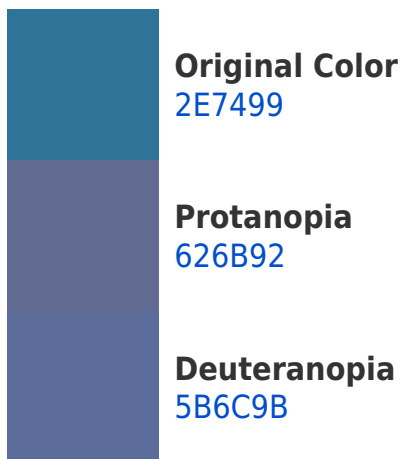


This preview shows how white text looks on a background with the Hex color 2E7499.

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](#).

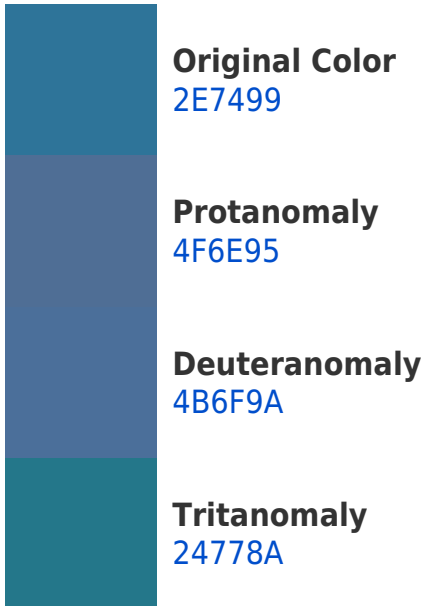
Dichromacy





Tritanopia
1E7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7499 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 #2E7499 looks like.

```
.text, #text, p{  
    color:#2E7499  
}
```

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 #2E7499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7499
}
```

Border

The CSS property to change the border of an element to Hex 2E7499 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
#2E7499 }
```

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

```
.border{ border-color:#2E7499 }
```

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

Here you see how a box with a 4 pixel #2E7499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7499; -webkit-box-shadow:4px 4px  
4px 4px #2E7499; box-shadow:4px 4px 4px  
4px #2E7499 }
```

Background

The CSS property to change the background color of an element to Hex 2E7499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7499 }
```

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

```
.background{ background-color:#2E7499 }
```

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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