

Converting Colors

Hex(2E7692)

Have a look what the booklet for
Hex(2E7692) contains.

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Color

Hex(2E7692)

Conversions

Conversions Part 1

Format	Color
Hex	2E7692
RGB	46, 118, 146
RGB Percent	18%, 46%, 57%
CMY	0.8196, 0.5373, 0.4275
CMYK	0.68, 0.19, 0.00, 0.43
HSL	197°, 52%, 38%
HSV	197°, 68%, 57%
XYZ	12.7935, 15.6130, 29.5335
YIQ	99.6640, -51.9000, -6.5560

Conversions

Conversions Part 2

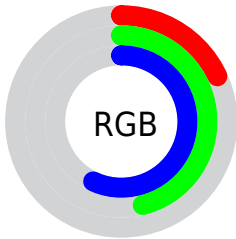
Format	Color
RYB	46, 88, 146
Decimal	3045010
CIELab	46.46, -12.99, -21.77
CIElCh	46, 25.352, 239.172
Yxy	15.6130, 0.2208, 0.2695
Android (android.graphics.Color)	4281235090 (0xFF2E7692)
YUV	99.6640, 22.8436, -47.0633
Hunter-Lab	39.5133, -11.3544, -16.6558

Details

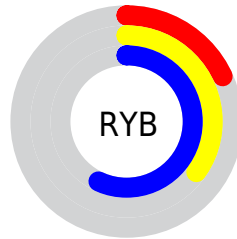
The Hex color **2E7692** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **924A2E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68AAC8**, and **00465F** is the 20% darker color. If you saturate the color by 10%, you get **1F7292**, and if you desaturate by 10%, it is **3D7A92**.

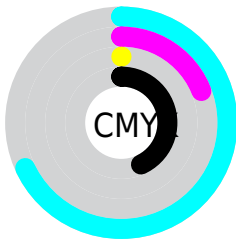
Distribution



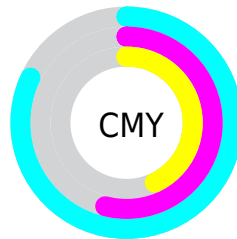
- Red (18%)
- Green (46%)
- Blue (57%)



- Red (18%)
- Yellow (35%)
- Blue (57%)



- Cyan (68%)
- Magenta (19%)
- Yellow (0%)
- Black (43%)



- Cyan (82%)
- Magenta (54%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7692 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 2E7692 by changing the saturation by 10% instead.

■ 2E7692

■ 2E7692

FFFFFF

■ 025D78

■ 68AAC8

■ 00465F

■ 84C5E4

■ 002F48

■ A0E1FF

■ 001B31

■ BCFEFF

■ 00021C

■ D9FFFF

■ 000000

■ F7FFFF

■ 2E7692

■ 2E7692

■ 1F7292

■ 3D7A92

■ 116E92

■ 4B7E92

■ 026A92

■ 5A8292

■ 006992

■ 688692

■ 778A92

■ 868F92

■ 949392

■ A39792

■ B19B92

Harmonies

Analogous

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



207982



2E7692



4F7098

Triad

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



2E7692



965E70



677348

Complementary

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



2E7692



924A2E

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.



7D6D43



2E7692



975F5A

Square

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



2E7692



886284



8E654A



4E7758

Rectangle

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



2E7692



666B96



8E654A



6F7145

Sweetspot

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



2E7692



95B2BD



2E9249



47585E



DEDEDE



5E5E5E

Same Dimension

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



2E7692



2291BD



2E4592



43484A



00638A



00070A

Inverse Universe

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



922E76



BD2291



927B2E



4A4348



8A0063



0A0007

Previews

White Background



This preview shows how the Hex color 2E7692 looks on a white background.

Color Contrast Check

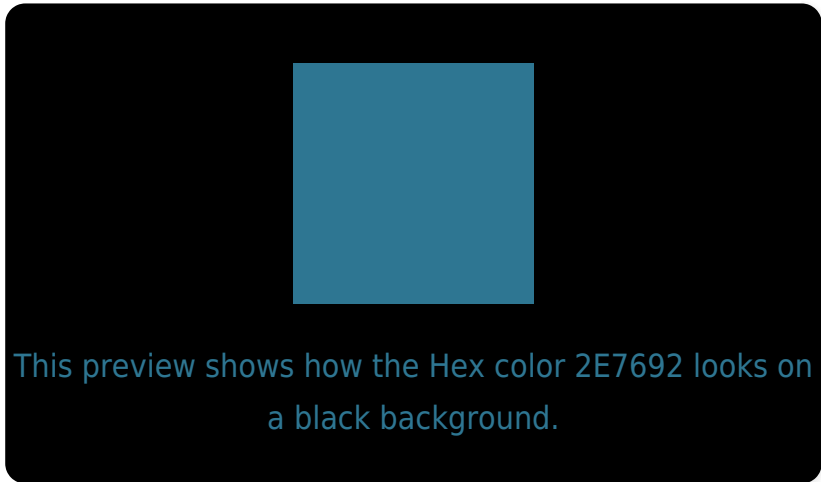
Large Text (above 18pt) WCAG AA ✓ Pass

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

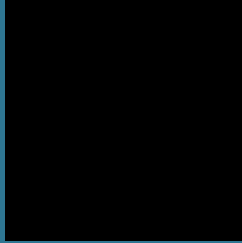
Any Text WCAG AA × Fail

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 2E7692 Background



This preview shows how black text looks on a background with the Hex color 2E7692.

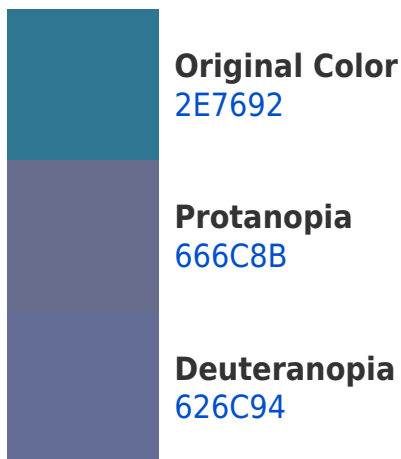


This preview shows how white text looks on a background with the Hex color 2E7692.

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
247983

Trichromacy



Original Color
2E7692

Protanomaly
52708E

Deuteranomaly
4F7093

Tritanomaly
287888

Monochromacy



Original Color
2E7692

Achromatopsia
646464

Achromatomaly
506B75

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7692 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 #2E7692 looks like.

```
.text, #text, p{  
    color:#2E7692  
}
```

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 #2E7692 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7692
}
```

Border

The CSS property to change the border of an element to Hex 2E7692 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
#2E7692 }
```

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

```
.border{ border-color:#2E7692 }
```

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

Here you see how a box with a 4 pixel #2E7692 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7692; -webkit-box-shadow:4px 4px  
4px 4px #2E7692; box-shadow:4px 4px 4px  
4px #2E7692 }
```

Background

The CSS property to change the background color of an element to Hex 2E7692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7692 }
```

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

```
.background{ background-color:#2E7692 }
```

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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