

# Converting Colors

Hex(2D7695)

Have a look what the booklet for  
Hex(2D7695) contains.

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# Color

**Hex(2D7695)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2D7695
RGB	45, 118, 149
RGB Percent	18%, 46%, 58%
CMY	0.8235, 0.5373, 0.4157
CMYK	0.70, 0.21, 0.00, 0.42
HSL	198°, 54%, 38%
HSV	198°, 70%, 58%
XYZ	12.9854, 15.6847, 30.7768
YIQ	99.7070, -53.4590, -5.8350

# Conversions

## Conversions Part 2

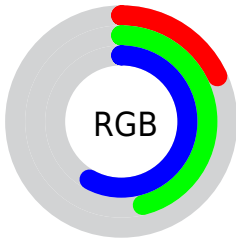
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 88, 149
Decimal	2979477
CIE <sub>Lab</sub>	46.56, -12.13, -23.40
CIE <sub>LCh</sub>	47, 26.353, 242.600
Yxy	15.6847, 0.2184, 0.2638
Android (android.graphics.Color)	4281169557 (0xFF2D7695)
YUV	99.7070, 24.3014, -47.9780
Hunter-Lab	39.6039, -10.7797, -18.3525

# Details

The Hex color **2D7695** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **954C2D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **68AACB**, and **004662** is the 20% darker color. If you saturate the color by 10%, you get **1E7295**, and if you desaturate by 10%, it is **3C7A95**.

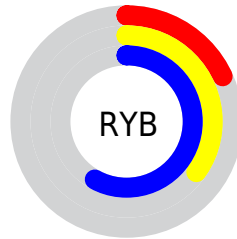
# Distribution



Red (18%)

Green (46%)

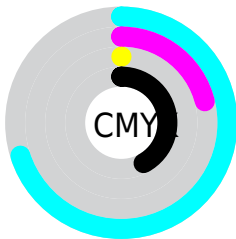
Blue (58%)



Red (18%)

Yellow (35%)

Blue (58%)

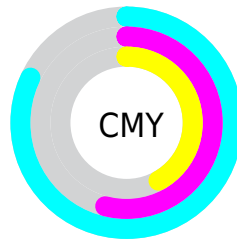


Cyan (70%)

Magenta (21%)

Yellow (0%)

Black (42%)



Cyan (82%)

Magenta (54%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D7695 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 2D7695 by changing the saturation by 10% instead.



■ 2D7695

■ 2D7695

FFFFFF

■ 005D7B

■ 68AACB

■ 004662

■ 84C5E7

■ 002F4A

■ A0E1FF

■ 001B33

■ BDFEFF

■ 00021E

■ DAFFFF

■ 000001

■ F7FFFF

■ 000000

■ 2D7695

■ 2D7695

■ 1E7295

■ 3C7A95

0F6D95

4B7F95

006995

5A8395

698895

788C95

869195

959595

A49A95

B39E95

# Harmonies

## Analogous

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



177985



2D7695



52709A

# Triad

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



2D7695



985D6D



647448

# Complementary

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



2D7695



954C2D

# 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.



7B6E42



2D7695



986058

# Square

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



2D7695



8C6183



8E6648



497859

# Rectangle

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



2D7695



696B97



8E6648



6C7245



# Sweetspot

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



2D7695



99B6C2



2D954A



495A61



E0E0E0



616161



# Same Dimension

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



2D7695



1F91C2



2D4495



43484A



00618A



00070A



# Inverse Universe

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



952D76



C21F91



957E2D



4A4348



8A0061



0A0007



# Previews

## White Background



This preview shows how the Hex color 2D7695 looks on a white background.

### Color Contrast Check

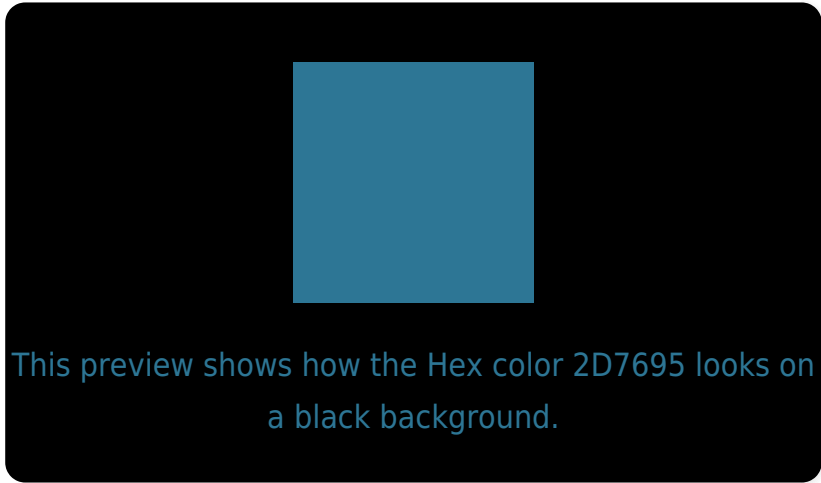
Large Text (above 18pt) WCAG AA ✓ Pass

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

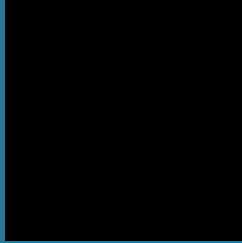
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D7695 Background



This preview shows how black text looks on a background with the Hex color 2D7695.

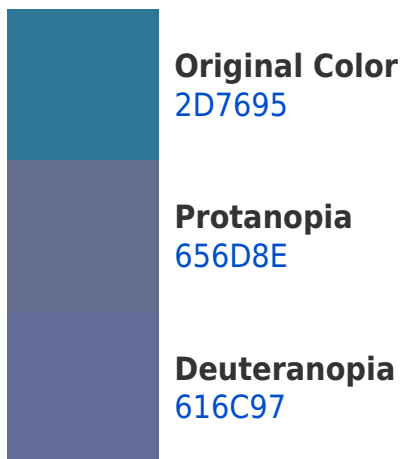


This preview shows how white text looks on a background with the Hex color 2D7695.

# 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](#).

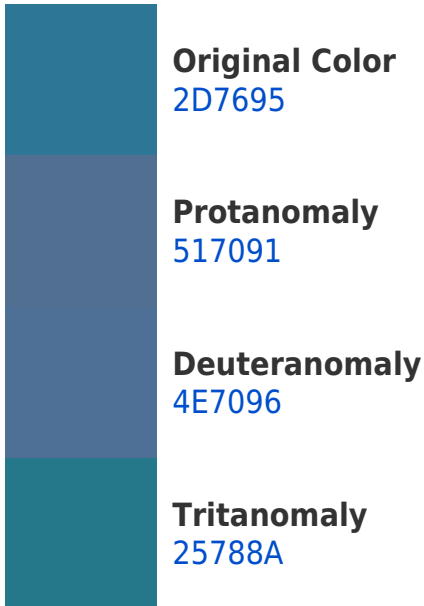
## Dichromacy





**Tritanopia**  
217983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D7695 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 #2D7695 looks like.

```
.text, #text, p{  
    color:#2D7695  
}
```

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 #2D7695 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7695
}
```

## Border

The CSS property to change the border of an element to Hex 2D7695 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
#2D7695 }
```

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

```
.border{ border-color:#2D7695 }
```

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

Here you see how a box with a 4 pixel #2D7695 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7695; -webkit-box-shadow:4px 4px  
4px 4px #2D7695; box-shadow:4px 4px 4px  
4px #2D7695 }
```

# Background

The CSS property to change the background color of an element to Hex 2D7695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7695 }
```

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

```
.background{ background-color:#2D7695 }
```

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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