

# Converting Colors

Hex(286492)

Have a look what the booklet for  
Hex(286492) contains.

<b>Hex(286492)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(286492)

# Conversions

## Conversions Part 1

Format	Color
Hex	286492
RGB	40, 100, 146
RGB Percent	16%, 39%, 57%
CMY	0.8431, 0.6078, 0.4275
CMYK	0.73, 0.32, 0.00, 0.43
HSL	206°, 57%, 36%
HSV	206°, 73%, 57%
XYZ	10.6206, 11.6408, 28.8813
YIQ	87.3040, -50.5260, 1.5860

# Conversions

## Conversions Part 2

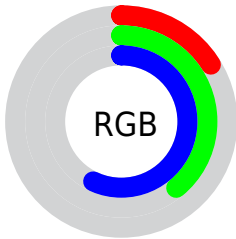
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 78, 146
Decimal	2647186
CIE <sub>Lab</sub>	40.64, -3.31, -30.85
CIE <sub>LCh</sub>	41, 31.026, 263.880
Yxy	11.6408, 0.2077, 0.2276
Android (android.graphics.Color)	4280837266 (0xFF286492)
<b>YUV</b>	87.3040, 28.9371, -41.4856
Hunter-Lab	34.1186, -4.1434, -26.3058

# Details

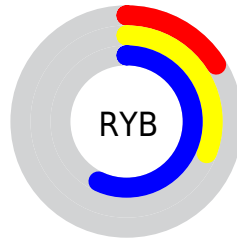
The Hex color **286492** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **925628**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6397C8**, and **00365F** is the 20% darker color. If you saturate the color by 10%, you get **195E92**, and if you desaturate by 10%, it is **376A92**.

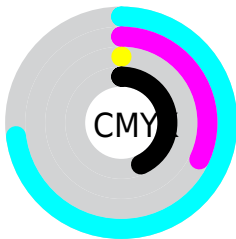
# Distribution



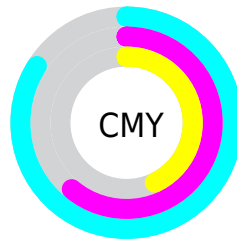
- Red (16%)
- Green (39%)
- Blue (57%)



- Red (16%)
- Yellow (31%)
- Blue (57%)



- Cyan (73%)
- Magenta (32%)
- Yellow (0%)
- Black (43%)



- Cyan (84%)
- Magenta (61%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 286492 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 286492 by changing the saturation by 10% instead.



■ 286492

■ 286492

FFFFFF

■ 004C78

■ 6397C8

■ 00365F

■ 7FB1E4

■ 002147

■ 9BCDFF

■ 000831

■ B7E9FF

■ 00011B

■ D4FFFF

■ 000000

■ F2FFFF

■ 286492

■ 286492

■ 195E92

■ 376A92

■ 0B5792

■ 457192

■ 005392

■ 547792

■ 627D92

■ 718492

■ 808A92

■ 8E9092

■ 9D9792

■ AB9D92

# Harmonies

## Analogous

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



006A88



286492



5A5B8E

# Triad

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



286492



904C4D



3D6A41

# Complementary

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



286492



925628

# 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.



5B6430



286492



875338

# Square

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



286492



8C4B66



745D2C



0A6D5A

# Rectangle

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



286492



715585



745D2C



48683A



# Sweetspot

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



286492



93ABBD



289256



46545E



DEDEDE



5E5E5E



# Same Dimension

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



286492



1975BD



282F92



43474A



004E8A



00060A



# Inverse Universe

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



922864



BD1975



928B28



4A4347



8A004E



0A0006



# Previews

## White Background



This preview shows how the Hex color 286492 looks on a white background.

## Color Contrast Check

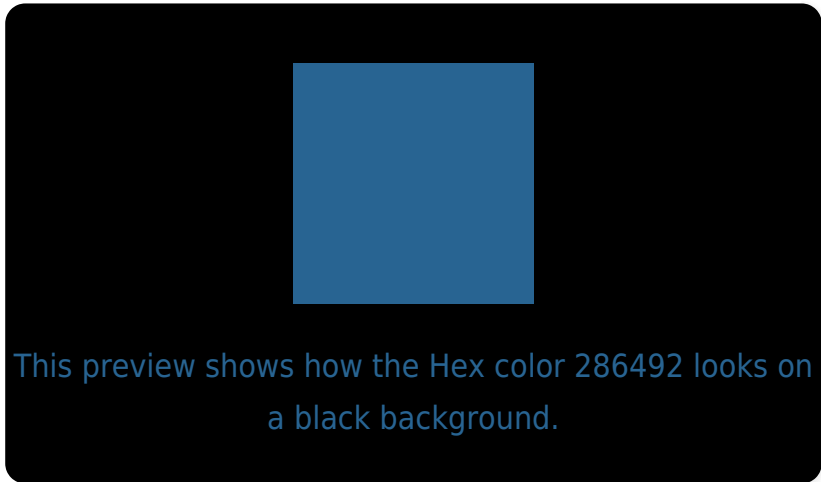
Large Text (above 18pt) WCAG AA ✓ Pass

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

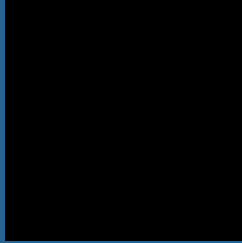
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 286492 Background



This preview shows how black text looks on a background with the Hex color 286492.



This preview shows how white text looks on a background with the Hex color 286492.

# 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](#).

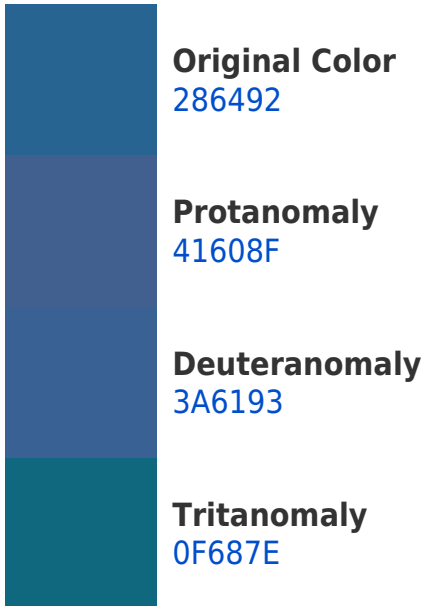
## Dichromacy





**Tritanopia**  
006A73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 286492 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 #286492 looks like.

```
.text, #text, p{  
    color:#286492  
}
```

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 #286492 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #286492
}
```

## Border

The CSS property to change the border of an element to Hex 286492 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
#286492 }
```

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

```
.border{ border-color:#286492 }
```

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

Here you see how a box with a 4 pixel #286492 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #286492; -webkit-box-shadow:4px 4px  
4px 4px #286492; box-shadow:4px 4px 4px  
4px #286492 }
```

# Background

The CSS property to change the background color of an element to Hex 286492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#286492 }
```

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

```
.background{ background-color:#286492 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor