

# Converting Colors

Hex(30628A)

Have a look what the booklet for  
Hex(30628A) contains.

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# Color

**Hex(30628A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	30628A
RGB	48, 98, 138
RGB Percent	19%, 38%, 54%
CMY	0.8118, 0.6157, 0.4588
CMYK	0.65, 0.29, 0.00, 0.46
HSL	207°, 48%, 36%
HSV	207°, 65%, 54%
XYZ	10.1741, 11.1987, 25.6701
YIQ	87.6100, -42.6400, 1.8400

# Conversions

## Conversions Part 2

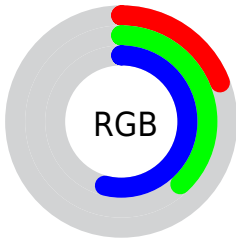
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 80, 138
Decimal	3170954
CIELab	39.91, -3.60, -27.15
CIELCh	40, 27.388, 262.445
Yxy	11.1987, 0.2163, 0.2381
Android (android.graphics.Color)	4281361034 (0xFF30628A)
YUV	87.6100, 24.8423, -34.7380
Hunter-Lab	33.4645, -4.2943, -22.0553

# Details

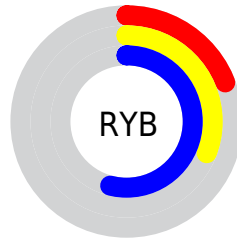
The Hex color **30628A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A5830**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6795C0**, and **003458** is the 20% darker color. If you saturate the color by 10%, you get **225C8A**, and if you desaturate by 10%, it is **3E688A**.

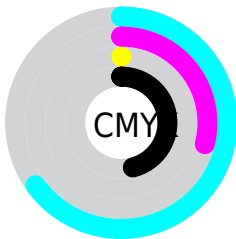
# Distribution



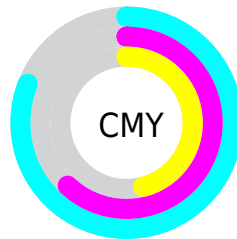
- Red (19%)
- Green (38%)
- Blue (54%)



- Red (19%)
- Yellow (31%)
- Blue (54%)



- Cyan (65%)
- Magenta (29%)
- Yellow (0%)
- Black (46%)



- Cyan (81%)
- Magenta (62%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30628A 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 30628A by changing the saturation by 10% instead.



■ 30628A

■ 30628A

FFFFFF

■ 0D4A70

■ 6795C0

■ 003458

■ 83AFDC

■ 001F40

■ 9ECAF8

■ 00032A

■ BAE7FF

■ 000114

■ D7FFFF

■ 000000

■ F4FFFF

■ 30628A

■ 30628A

■ 225C8A

■ 3E688A

■ 14568A

■ 4C6E8A

■ 07508A

■ 59748A

■ 004D8A

■ 677B8A

■ 75818A

■ 83878A

■ 918D8A

■ 9E938A

■ AC998A

# Harmonies

## Analogous

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



006781



30628A



585A87

# Triad

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



30628A



894D4E



416742

# Complementary

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



30628A



8A5830

# 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.



5B6234



30628A



81533B

# Square

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



30628A



854D65



715B31



206957

# Rectangle

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



30628A



6C557F



715B31



4A653C



# Sweetspot

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



30628A



8FA3B3



308A57



445059



D9D9D9



595959



# Same Dimension

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



30628A



2775B3



30368A



3E4245



004A85



000305



# Inverse Universe

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



8A3062



B32775



8A8430



453E42



85004A

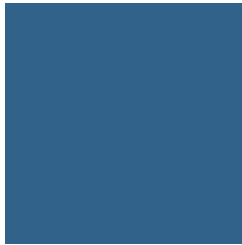


050003



# Previews

## White Background



This preview shows how the Hex color 30628A looks on a white background.

## Color Contrast Check

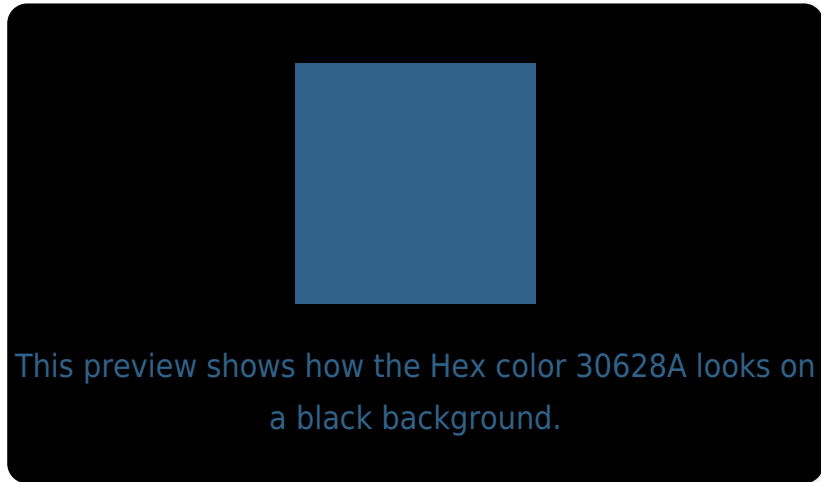
Large Text (above 18pt) WCAG AA ✓ Pass

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

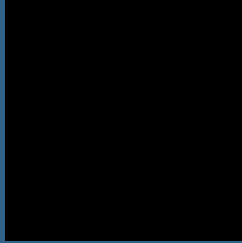
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

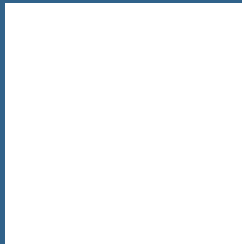
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 30628A Background



This preview shows how black text looks on a background with the Hex color 30628A.

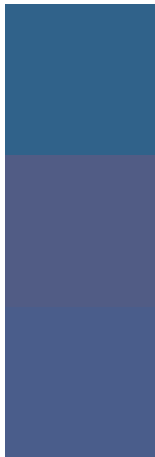


This preview shows how white text looks on a background with the Hex color 30628A.

# 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



**Original Color**  
30628A

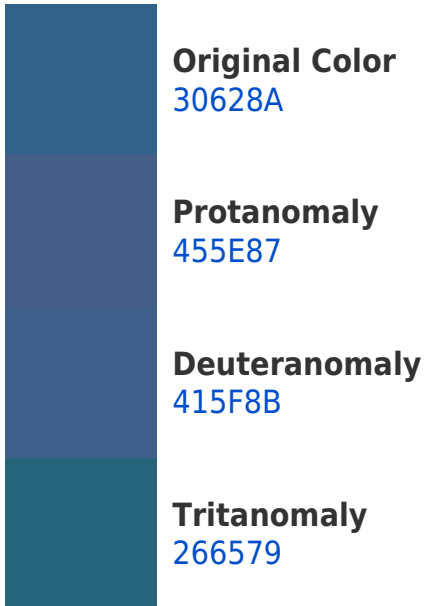
**Protanopia**  
515C85

**Deuteranopia**  
4A5D8B

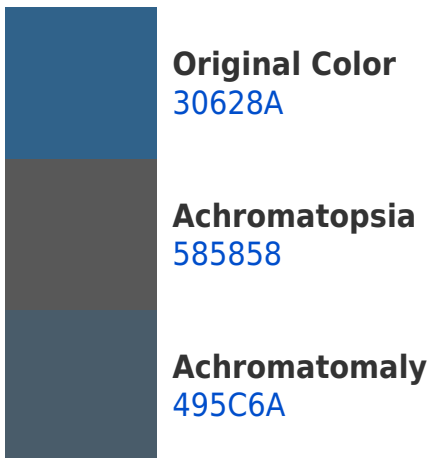


**Tritanopia**  
21676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30628A 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 #30628A looks like.

```
.text, #text, p{  
    color:#30628A  
}
```

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 #30628A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30628A
}
```

## Border

The CSS property to change the border of an element to Hex 30628A 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
#30628A }
```

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

```
.border{ border-color:#30628A }
```

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

Here you see how a box with a 4 pixel #30628A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30628A; -webkit-box-shadow:4px 4px  
4px 4px #30628A; box-shadow:4px 4px 4px  
4px #30628A }
```

# Background

The CSS property to change the background color of an element to Hex 30628A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30628A }
```

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

```
.background{ background-color:#30628A }
```

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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