

# Converting Colors

Hex(629376)

Have a look what the booklet for  
Hex(629376) contains.

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# Color

Hex(629376)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	629376
RGB	98, 147, 118
RGB Percent	38%, 58%, 46%
CMY	0.6157, 0.4235, 0.5373
CMYK	0.33, 0.00, 0.20, 0.42
HSL	144°, 20%, 48%
HSV	144°, 33%, 58%
XYZ	18.7407, 24.7721, 20.9333
YIQ	129.0430, -19.8950, -19.4070

# Conversions

## Conversions Part 2

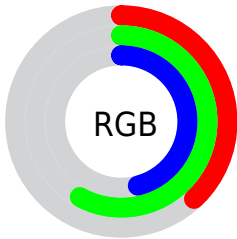
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 133, 147
Decimal	6460278
CIE <sub>Lab</sub>	56.85, -23.00, 10.18
CIE <sub>LCh</sub>	57, 25.153, 156.134
Yxy	24.7721, 0.2908, 0.3844
Android (android.graphics.Color)	4284650358 (0xFF629376)
YUV	129.0430, -5.4442, -27.2247
Hunter-Lab	49.7716, -19.8888, 9.9035

# Details

The Hex color **629376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **93627F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **96C9AA**, and **316046** is the 20% darker color. If you saturate the color by 10%, you get **53936D**, and if you desaturate by 10%, it is **71937F**.

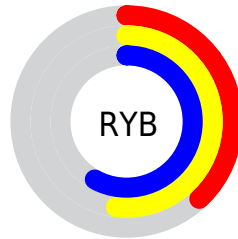
# Distribution



Red (38%)

Green (58%)

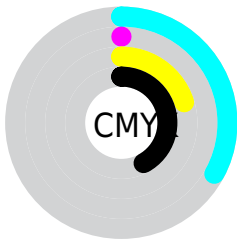
Blue (46%)



Red (38%)

Yellow (52%)

Blue (58%)

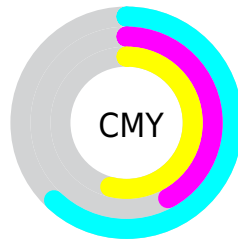


Cyan (33%)

Magenta (0%)

Yellow (20%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 629376 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 629376 by changing the saturation by 10% instead.



 629376

 629376

FFFFFF

 49795D

 96C9AA

 316046

 B1E5C5

 18482F

 CDFFE1

 00311A

 EAFFFE


 001E00

 000000

 629376

 629376

 53936D

 71937F

 459365

 7F9387

 36935C

 8E9390

 279353

 9D9399

 19934A

 AB93A2

 0A9342

 BA93AA

 00933C

 C993B3

 D893BC

 E693C4

# Harmonies

## Analogous

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



7C8F64



629376



4B958C

# Triad

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



629376



7389B4



B27B70

# Complementary

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



629376



93627F

# 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.



B37885



629376



9181AC

# Square

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



629376



548FB0



A87B9B



A78161

# Rectangle

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



629376



43949B



A87B9B



B47976



# Sweetspot

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



629376



ACBFB4



7F9362



55615A



E0E0E0



616161



# Same Dimension

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



629376



73BF92



62938E



434A46



008A38



000A04



# Inverse Universe

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



93627F



BF73A0



936267



4A4347



8A0051



0A0006



# Previews

## White Background



This preview shows how the Hex color 629376 looks on a white background.

## Color Contrast Check

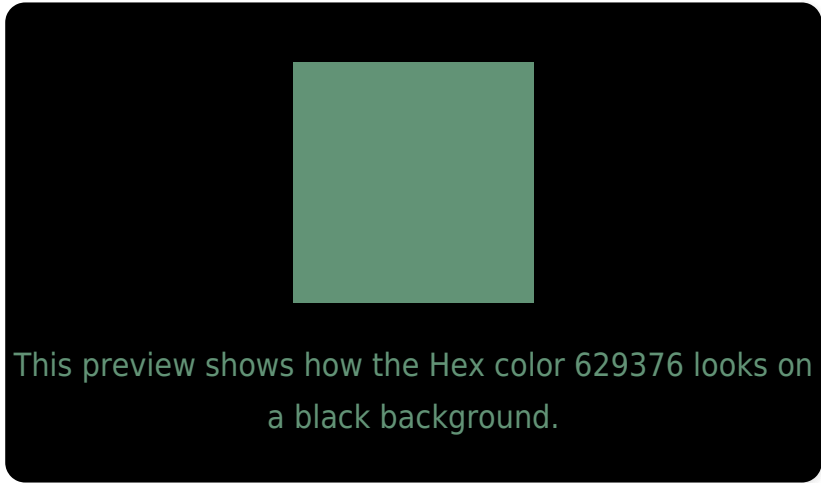
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

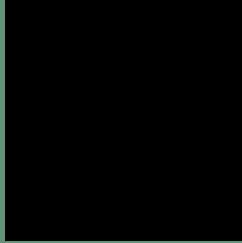
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 629376 Background



This preview shows how black text looks on a background with the Hex color 629376.



This preview shows how white text looks on a background with the Hex color 629376.

# 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**  
698E9A

# Trichromacy



**Original Color**  
629376

**Protanomaly**  
7F8C72

**Deuteranomaly**  
868978

**Tritanomaly**  
66908D

# Monochromacy



**Original Color**  
629376

**Achromatopsia**  
818181

**Achromatomaly**  
76887D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 629376 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 #629376 looks like.

```
.text, #text, p{  
    color:#629376  
}
```

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 #629376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629376
}
```

## Border

The CSS property to change the border of an element to Hex 629376 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
#629376 }
```

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

```
.border{ border-color:#629376 }
```

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

Here you see how a box with a 4 pixel #629376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629376; -webkit-box-shadow:4px 4px  
4px 4px #629376; box-shadow:4px 4px 4px  
4px #629376 }
```

# Background

The CSS property to change the background color of an element to Hex 629376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629376 }
```

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

```
.background{ background-color:#629376 }
```

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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