

Converting Colors

Hex(649376)

Have a look what the booklet for
Hex(649376) contains.

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Color

Hex(649376)

Conversions

Conversions Part 1

Format	Color
Hex	649376
RGB	100, 147, 118
RGB Percent	39%, 58%, 46%
CMY	0.6078, 0.4235, 0.5373
CMYK	0.32, 0.00, 0.20, 0.42
HSL	143°, 19%, 48%
HSV	143°, 32%, 58%
XYZ	18.9593, 24.8848, 20.9435
YIQ	129.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

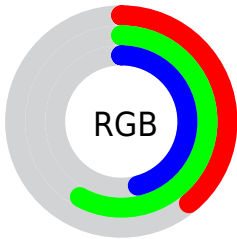
Format	Color
RYB	100, 134, 147
Decimal	6591350
CIELab	56.96, -22.35, 10.35
CIELCh	57, 24.630, 155.156
Yxy	24.8848, 0.2926, 0.3841
Android (android.graphics.Color)	4284781430 (0xFF649376)
YUV	129.6410, -5.7390, -25.9952
Hunter-Lab	49.8846, -19.4570, 10.0270

Details

The Hex color **649376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **936481**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98C9AA**, and **336046** is the 20% darker color. If you saturate the color by 10%, you get **55936D**, and if you desaturate by 10%, it is **73937F**.

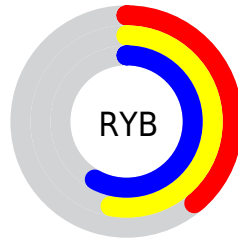
Distribution



Red (39%)

Green (58%)

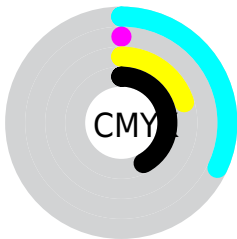
Blue (46%)



Red (39%)

Yellow (53%)

Blue (58%)

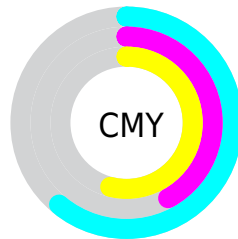


Cyan (32%)

Magenta (0%)

Yellow (20%)

Black (42%)



Cyan (61%)

Magenta (42%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 649376 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 649376 by changing the saturation by 10% instead.



649376



649376

FFFFFF



4B795D



98C9AA



336046



B3E5C5



1B482F



CFFFE1



01311A



ECFFFE



001E00



000000



649376



649376



55936D



73937F



479364



819388

 38935B

 909391

 299352


 9F939A

 1B9349

 AE93A3

 0C9340

 BC93AC

 009338

 CB93B5

 DA93BF

 E893C8

Harmonies

Analogous

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



7D8F65



649376



4E958C

Triad

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



649376



7289B3



B27B71

Complementary

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



649376



936481

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.



B37986



649376



9182AC

Square

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



649376



5590AF



A77B9B



A78162

Rectangle

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



649376



46949A



A77B9B



B47A77

Sweetspot

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



649376



ACBFB3



829364



55615A



E0E0E0



616161

Same Dimension

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



649376



77BF92



64938D



434A45



008A35



000A04

Inverse Universe

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



936481



BF77A3



93646A



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 649376 looks on a white background.

Color Contrast Check

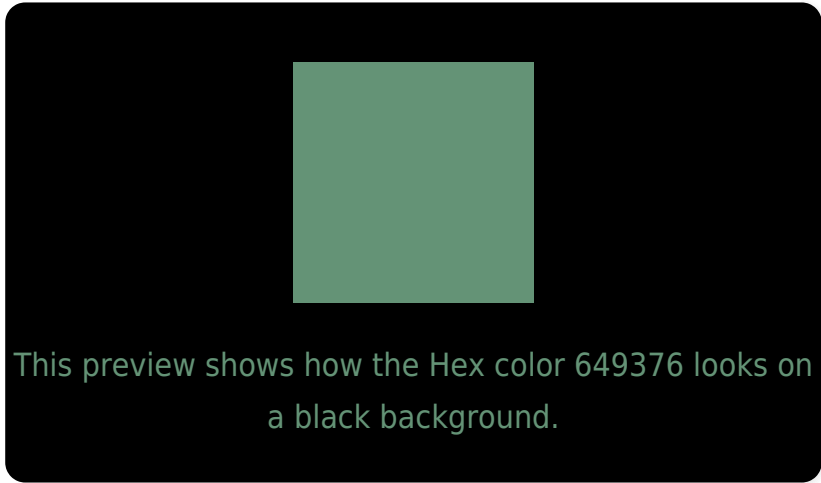
Large Text (above 18pt) WCAG AA ✓ Pass

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

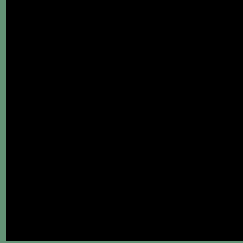
Any Text WCAG AA ✓ Pass

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 649376 Background



This preview shows how black text looks on a background with the Hex color 649376.



This preview shows how white text looks on a background with the Hex color 649376.

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
6B8E9A

Trichromacy



Original Color
649376

Protanomaly
808C73

Deuteranomaly
878978

Tritanomaly
68908D

Monochromacy



Original Color
649376

Achromatopsia
828282

Achromatomaly
77887E

CSS Examples

Text

The CSS property to change the color of the text to Hex 649376 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 #649376 looks like.

```
.text, #text, p{  
    color:#649376  
}
```

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 #649376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #649376
}
```

Border

The CSS property to change the border of an element to Hex 649376 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
#649376 }
```

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

```
.border{ border-color:#649376 }
```

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

Here you see how a box with a 4 pixel #649376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #649376; -webkit-box-shadow:4px 4px  
4px 4px #649376; box-shadow:4px 4px 4px  
4px #649376 }
```

Background

The CSS property to change the background color of an element to Hex 649376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#649376 }
```

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

```
.background{ background-color:#649376 }
```

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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