

Converting Colors

Hex(29673A)

Have a look what the booklet for
Hex(29673A) contains.

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Color

Hex(29673A)

Conversions

Conversions Part 1

Format	Color
Hex	29673A
RGB	41, 103, 58
RGB Percent	16%, 40%, 23%
CMY	0.8392, 0.5961, 0.7725
CMYK	0.60, 0.00, 0.44, 0.60
HSL	136°, 43%, 28%
HSV	136°, 60%, 40%
XYZ	6.5284, 10.4774, 5.6812
YIQ	79.3320, -22.5070, -27.1390

Conversions

Conversions Part 2

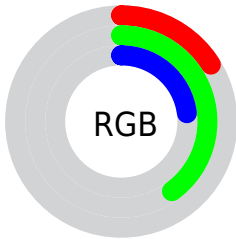
Format	Color
RYB	41, 90, 103
Decimal	2713402
CIELab	38.69, -30.95, 19.55
CIElCh	39, 36.607, 147.718
Yxy	10.4774, 0.2878, 0.4618
Android (android.graphics.Color)	4280903482 (0xFF29673A)
YUV	79.3320, -10.5167, -33.6172
Hunter-Lab	32.3688, -20.6440, 12.2518




Details

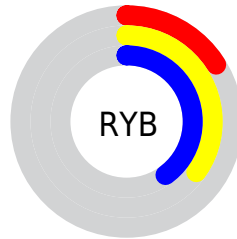
The Hex color **29673A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **672956**, and the grayscale version is **4F4F4F**.



A 20% lighter version of the original color is **5D9B6A**, and **00370F** is the 20% darker color. If you saturate the color by 10%, you get **1F6733**, and if you desaturate by 10%, it is **336741**.

Distribution







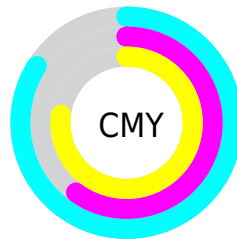
-  Red (16%)
-  Green (40%)
-  Blue (23%)






-  Red (16%)
-  Yellow (35%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (44%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (60%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29673A 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 29673A by changing the saturation by 10% instead.



29673A



29673A

FFFFFF



0B4E24



5D9B6A



00370F



77B683



002300



91D29D



000000



ADEEB8



C9FFD4



E5FFF0



29673A



29673A



1F6733



336741

■ 14672B

■ 3E6749

■ 0A6724

■ 486750

■ 00671C

■ 526758

■ 5D675F

■ 676767

■ 71676E

■ 7B6776

■ 86677D

Harmonies

Analogous

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



506123



29673A



006A58

Triad

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



29673A



0C5F96



914441

Complementary

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



29673A



672956

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.



90415F



29673A



595490

Square

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



29673A



00668D



7D487B



844E29

Rectangle

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



29673A



006A6C



7D487B



92424B

Sweetspot

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



29673A



6F8775



566729



36453A



C4C4C4



454545

Same Dimension

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



29673A



268741



296759



2E332F



00731F



00F242

Inverse Universe

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



672956



87266C



672937



332E32



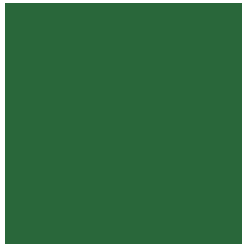
730053



F200B0

Previews

White Background



This preview shows how the Hex color 29673A looks on a white background.

Color Contrast Check

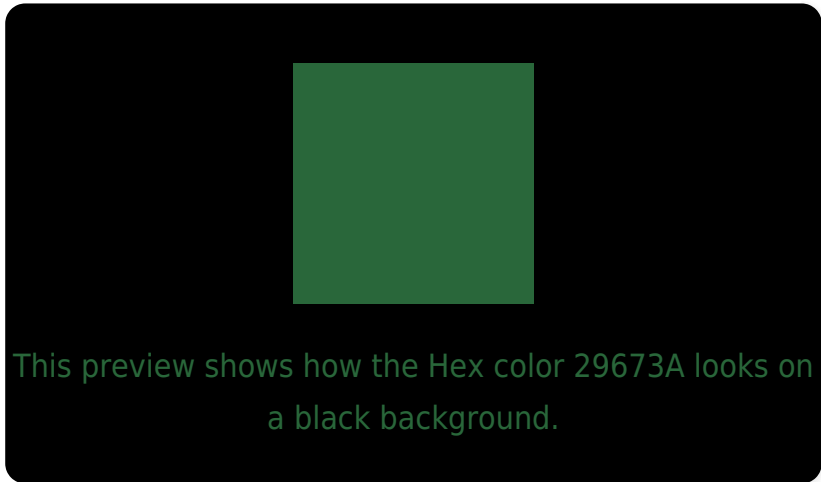
Large Text (above 18pt) WCAG AA ✓ Pass

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

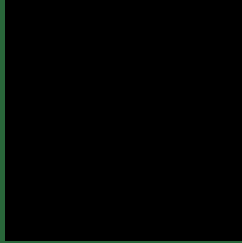
Any Text WCAG AA × Fail

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 29673A Background



This preview shows how black text looks on a background with the Hex color 29673A.



This preview shows how white text looks on a background with the Hex color 29673A.

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
29673A

Protanopia
635B35

Deuteranopia
6C573E



Tritanopia
366269

Trichromacy



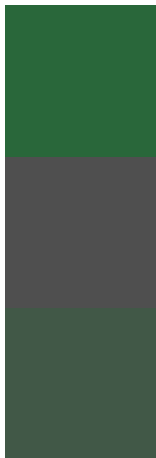
Original Color
29673A

Protanomaly
4E5F37

Deuteranomaly
545D3D

Tritanomaly
316458

Monochromacy



Original Color
29673A

Achromatopsia
4F4F4F

Achromatomaly
415847

CSS Examples

Text

The CSS property to change the color of the text to Hex 29673A 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 #29673A looks like.

```
.text, #text, p{  
    color:#29673A  
}
```

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 #29673A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29673A
}
```

Border

The CSS property to change the border of an element to Hex 29673A 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
#29673A }
```

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

```
.border{ border-color:#29673A }
```

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

Here you see how a box with a 4 pixel #29673A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29673A; -webkit-box-shadow:4px 4px  
4px 4px #29673A; box-shadow:4px 4px 4px  
4px #29673A }
```

Background

The CSS property to change the background color of an element to Hex 29673A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29673A }
```

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

```
.background{ background-color:#29673A }
```

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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