

Converting Colors

Hex(1C6449)

Have a look what the booklet for
Hex(1C6449) contains.

Hex(1C6449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C6449)

Conversions

Conversions Part 1

Format	Color
Hex	1C6449
RGB	28, 100, 73
RGB Percent	11%, 39%, 29%
CMY	0.8902, 0.6078, 0.7137
CMYK	0.72, 0.00, 0.27, 0.61
HSL	158°, 56%, 25%
HSV	158°, 72%, 39%
XYZ	6.2387, 9.8423, 7.8743
YIQ	75.3940, -34.2450, -23.6610

Conversions

Conversions Part 2

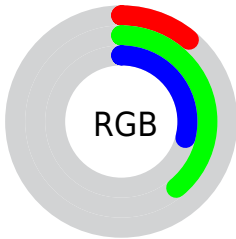
Format	Color
RYB	28, 72, 100
Decimal	1860681
CIELab	37.56, -29.16, 9.02
CIElCh	38, 30.523, 162.821
Yxy	9.8423, 0.2604, 0.4109
Android (android.graphics.Color)	4280050761 (0xFF1C6449)
YUV	75.3940, -1.1802, -41.5645
Hunter-Lab	31.3724, -19.4054, 7.0793




Details

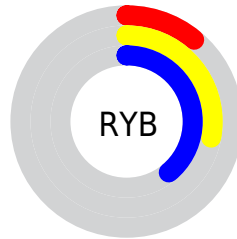
The Hex color **1C6449** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **641C37**, and the grayscale version is **4B4B4B**.




A 20% lighter version of the original color is **52987A**, and **00341D** is the 20% darker color. If you saturate the color by 10%, you get **126445**, and if you desaturate by 10%, it is **26644D**.

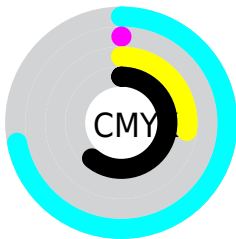
Distribution







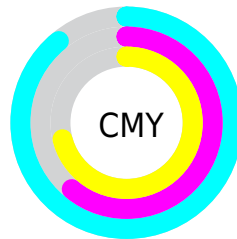
-  Red (11%)
-  Green (39%)
-  Blue (29%)






-  Red (11%)
-  Yellow (28%)
-  Blue (39%)



-  Cyan (72%)
-  Magenta (0%)
-  Yellow (27%)
-  Black (61%)



-  Cyan (89%)
-  Magenta (61%)
-  Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C6449 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 1C6449 by changing the saturation by 10% instead.



1C6449



1C6449

FFFFFF



004C32



52987A



00341D



6DB293



002104



87CEAE



000000



A3EBC9



BFFFE5



DBFFFF



F8FFFF



1C6449



1C6449

■ 126445

■ 26644D

■ 086442

■ 306451

■ 00643F

■ 3A6454

■ 446458

■ 4E645C

■ 586460

■ 626463

■ 6C6467

■ 76646B

Harmonies

Analogous

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



426033



1C6449



006562

Triad

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



1C6449



435788



824938

Complementary

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



1C6449



641C37

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.



87444F



1C6449



684E7D

Square

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



1C6449



005F87



7F4668



735229

Rectangle

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



1C6449



006472



7F4668



85473F

Sweetspot

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



1C6449



658277



38641C



31423C



C2C2C2



424242

Same Dimension

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



1C6449



128258



1C5C64



2E3331



007348



00F297

Inverse Universe

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



641C37



82123C



64241C



332E30



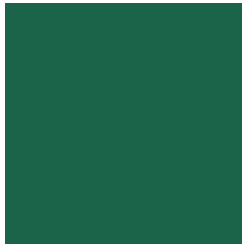
73002B



F2005B

Previews

White Background



This preview shows how the Hex color 1C6449 looks on a white background.

Color Contrast Check

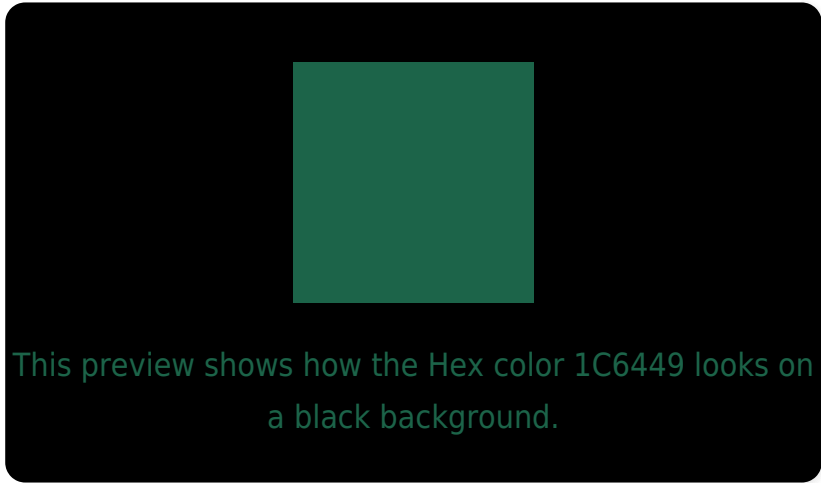
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

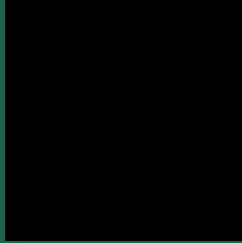
Any Text WCAG AA × Fail

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 1C6449 Background



This preview shows how black text looks on a background with the Hex color 1C6449.



This preview shows how white text looks on a background with the Hex color 1C6449.

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
1C6449

Protanopia
5E5843

Deuteranopia
65554C



Tritanopia
2A6068

Trichromacy



Original Color
1C6449

Protanomaly
465C45

Deuteranomaly
4A5A4B

Tritanomaly
25615D

Monochromacy



Original Color
1C6449

Achromatopsia
4B4B4B

Achromatomaly
3A544A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C6449 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 #1C6449 looks like.

```
.text, #text, p{  
    color:#1C6449  
}
```

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 #1C6449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6449
}
```

Border

The CSS property to change the border of an element to Hex 1C6449 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
#1C6449 }
```

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

```
.border{ border-color:#1C6449 }
```

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

Here you see how a box with a 4 pixel #1C6449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6449; -webkit-box-shadow:4px 4px  
4px 4px #1C6449; box-shadow:4px 4px 4px  
4px #1C6449 }
```

Background

The CSS property to change the background color of an element to Hex 1C6449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6449 }
```

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

```
.background{ background-color:#1C6449 }
```

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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