

# Converting Colors

Hex(1C6649)

Have a look what the booklet for  
Hex(1C6649) contains.

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# Color

Hex(1C6649)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C6649
RGB	28, 102, 73
RGB Percent	11%, 40%, 29%
CMY	0.8902, 0.6000, 0.7137
CMYK	0.73, 0.00, 0.28, 0.60
HSL	156°, 57%, 25%
HSV	156°, 73%, 40%
XYZ	6.4329, 10.2307, 7.9390
YIQ	76.5680, -34.7950, -24.7070

# Conversions

## Conversions Part 2

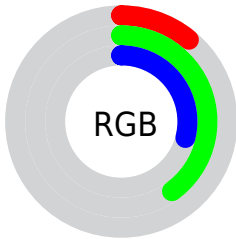
<b>Format</b>	<b>Color</b>
<b>RYB</b>	28, 74, 102
Decimal	1861193
CIELab	38.25, -30.09, 9.99
CIElCh	38, 31.701, 161.638
Yxy	10.2307, 0.2615, 0.4158
Android (android.graphics.Color)	4280051273 (0xFF1C6649)
YUV	76.5680, -1.7590, -42.5941
Hunter-Lab	31.9854, -20.0748, 7.6736

# Details

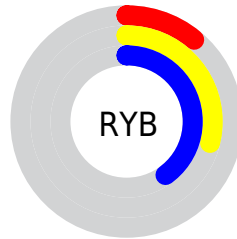
The Hex color **1C6649** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **661C39**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **539A7A**, and **00361D** is the 20% darker color. If you saturate the color by 10%, you get **126645**, and if you desaturate by 10%, it is **26664D**.

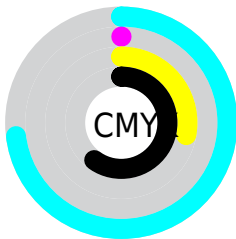
# Distribution



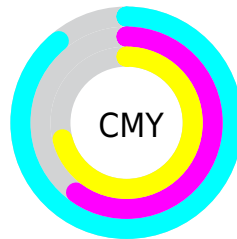
- Red (11%)
- Green (40%)
- Blue (29%)



- Red (11%)
- Yellow (29%)
- Blue (40%)



- Cyan (73%)
- Magenta (0%)
- Yellow (28%)
- Black (60%)



- Cyan (89%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C6649 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 1C6649 by changing the saturation by 10% instead.





1C6649



1C6649

FFFFFF



004E32



539A7A



00361D



6DB593



002204



88D0AE



000000



A3EDC9



BFFFE6



DCFFFF



F9FFFF



1C6649



1C6649

■ 126645

■ 26664D

■ 086641

■ 306651

■ 00663E

■ 3B6655

■ 456659

■ 4F665D

■ 596661

■ 636665

■ 6E6669

■ 78666D

# Harmonies

## Analogous

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



446232



1C6649



006764

# Triad

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



1C6649



41598C



864A39

# Complementary

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



1C6649



661C39

# 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.



8A4551



1C6649



694F81

# Square

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



1C6649



00618A



81476B



765329

# Rectangle

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



1C6649



006674



81476B



894741



# Sweetspot

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



1C6649



678579



3A661C



31423C



C2C2C2



424242



# Same Dimension

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



1C6649



118557



1C5F66



2E3331



007346



00F293



# Inverse Universe

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



661C39



85113E



66231C



332E30



73002D



F2005F



# Previews

## White Background



This preview shows how the Hex color 1C6649 looks on a white background.

## Color Contrast Check

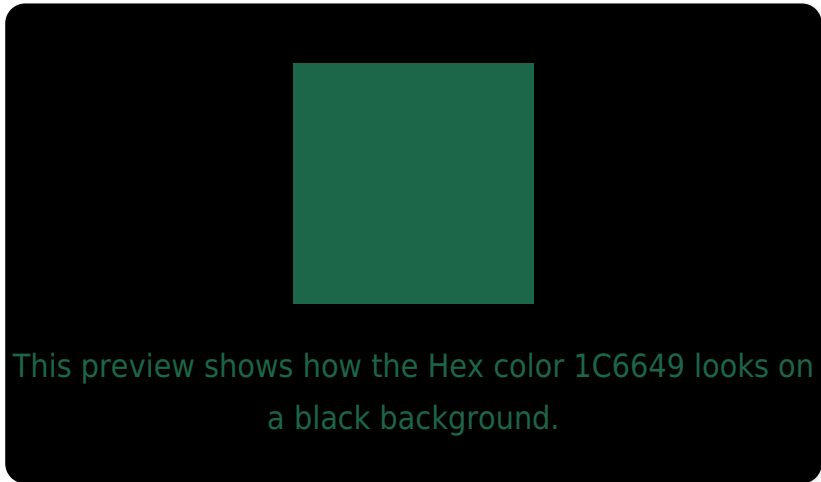
Large Text (above 18pt) WCAG AA ✓ Pass

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

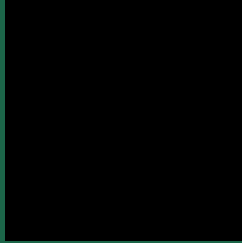
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C6649 Background



This preview shows how black text looks on a background with the Hex color 1C6649.



This preview shows how white text looks on a background with the Hex color 1C6649.

# 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**  
1C6649

**Protanopia**  
605A43

**Deuteranopia**  
67564C



**Tritanopia**  
2B626A

# Trichromacy



**Original Color**  
1C6649

**Protanomaly**  
475E45

**Deuteranomaly**  
4C5C4B

**Tritanomaly**  
26635E

# Monochromacy



**Original Color**  
1C6649

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
3B564C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C6649 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 #1C6649 looks like.

```
.text, #text, p{  
    color:#1C6649  
}
```

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 #1C6649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C6649
}
```

## Border

The CSS property to change the border of an element to Hex 1C6649 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
#1C6649 }
```

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

```
.border{ border-color:#1C6649 }
```

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

Here you see how a box with a 4 pixel #1C6649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C6649; -webkit-box-shadow:4px 4px  
4px 4px #1C6649; box-shadow:4px 4px 4px  
4px #1C6649 }
```

# Background

The CSS property to change the background color of an element to Hex 1C6649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C6649 }
```

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

```
.background{ background-color:#1C6649 }
```

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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