

# Converting Colors

Hex(1D7059)

Have a look what the booklet for  
Hex(1D7059) contains.

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# Color

Hex(1D7059)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D7059
RGB	29, 112, 89
RGB Percent	11%, 44%, 35%
CMY	0.8863, 0.5608, 0.6510
CMYK	0.74, 0.00, 0.21, 0.56
HSL	163°, 59%, 28%
HSV	163°, 74%, 44%
XYZ	8.1040, 12.5708, 11.4505
YIQ	84.5610, -42.0850, -24.7490

# Conversions

## Conversions Part 2

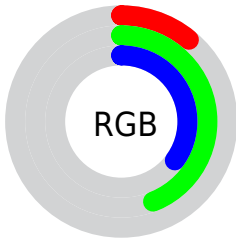
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 77, 112
Decimal	1929305
CIE <sub>Lab</sub>	42.11, -30.40, 5.79
CIE <sub>LCh</sub>	42, 30.948, 169.225
Yxy	12.5708, 0.2523, 0.3913
Android (android.graphics.Color)	4280119385 (0xFF1D7059)
YUV	84.5610, 2.1884, -48.7270
Hunter-Lab	35.4554, -21.2471, 5.6708

# Details

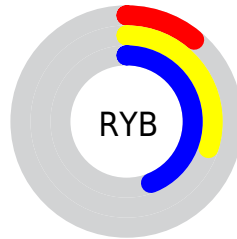
The Hex color **1D7059** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **701D34**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **56A48B**, and **003F2C** is the 20% darker color. If you saturate the color by 10%, you get **127056**, and if you desaturate by 10%, it is **28705C**.

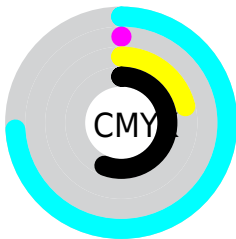
# Distribution



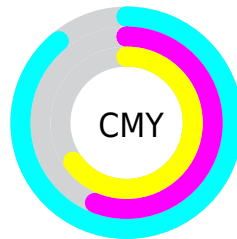
- Red (11%)
- Green (44%)
- Blue (35%)



- Red (11%)
- Yellow (30%)
- Blue (44%)



- Cyan (74%)
- Magenta (0%)
- Yellow (21%)
- Black (56%)



- Cyan (89%)
- Magenta (56%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7059 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 1D7059 by changing the saturation by 10% instead.



 1D7059


 1D7059

FFFFFF

 005742

 56A48B

 003F2C

 71C0A5

 002917

 8CDCC0

 000E00

 A8F8DC

 000000

 C4FFF9

 E1FFFF

 1D7059

 1D7059

 127056

 28705C

077053

33705F

007051

3F7062

4A7065

557069

60706C

6B706F

777072

827075

# Harmonies

## Analogous

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



466D41



1D7059



007173

# Triad

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



1D7059



576093



8D563E

# Complementary

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



1D7059



701D34

# 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.



944F54



1D7059



7A5785

# Square

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



1D7059



236995



8E506E



7B5F31

# Rectangle

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



1D7059



006F83



8E506E



905344



# Sweetspot

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



1D7059



719188



35701D



374A45



C9C9C9



4A4A4A



# Same Dimension

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



1D7059



10916E



1D5E70



323837



007857



00F7B3



# Inverse Universe

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



701D34



911034



702F1D



383234



780021



F70045



# Previews

## White Background



This preview shows how the Hex color 1D7059 looks on a white background.

## Color Contrast Check

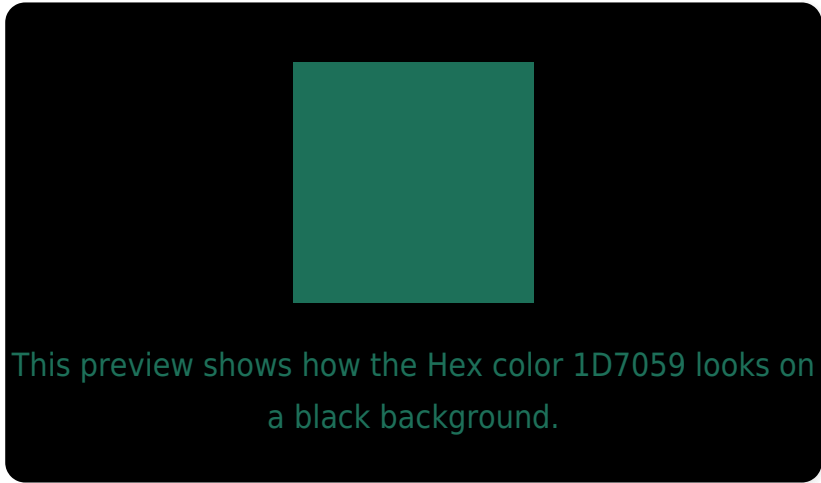
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D7059 Background



This preview shows how black text looks on a background with the Hex color 1D7059.



This preview shows how white text looks on a background with the Hex color 1D7059.

# 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**  
1D7059

**Protanopia**  
686352

**Deuteranopia**  
6F5F5D



**Tritanopia**  
2B6C75

# Trichromacy



**Original Color**  
1D7059

**Protanomaly**  
4D6855

**Deuteranomaly**  
51655C

**Tritanomaly**  
266D6B

# Monochromacy



**Original Color**  
1D7059

**Achromatopsia**  
555555

**Achromatomaly**  
415F56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7059 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 #1D7059 looks like.

```
.text, #text, p{  
    color:#1D7059  
}
```

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 #1D7059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7059
}
```

## Border

The CSS property to change the border of an element to Hex 1D7059 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
#1D7059 }
```

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

```
.border{ border-color:#1D7059 }
```

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

Here you see how a box with a 4 pixel #1D7059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7059; -webkit-box-shadow:4px 4px  
4px 4px #1D7059; box-shadow:4px 4px 4px  
4px #1D7059 }
```

# Background

The CSS property to change the background color of an element to Hex 1D7059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7059 }
```

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

```
.background{ background-color:#1D7059 }
```

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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