

Converting Colors

Hex(1D8649)

Have a look what the booklet for
Hex(1D8649) contains.

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Color

Hex(1D8649)

Conversions

Conversions Part 1

Format	Color
Hex	1D8649
RGB	29, 134, 73
RGB Percent	11%, 53%, 29%
CMY	0.8863, 0.4745, 0.7137
CMYK	0.78, 0.00, 0.46, 0.47
HSL	145°, 64%, 32%
HSV	145°, 78%, 53%
XYZ	10.2344, 17.7924, 9.1982
YIQ	95.6510, -42.9990, -41.2310

Conversions

Conversions Part 2

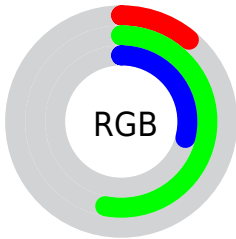
Format	Color
RYB	29, 103, 134
Decimal	1934921
CIELab	49.24, -43.35, 24.73
CIElCh	49, 49.908, 150.293
Yxy	17.7924, 0.2749, 0.4780
Android (android.graphics.Color)	4280125001 (0xFF1D8649)
YUV	95.6510, -11.1669, -58.4529
Hunter-Lab	42.1811, -30.5075, 16.5977

Details

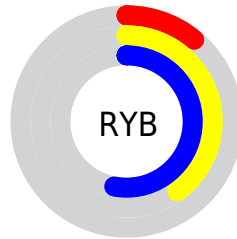
The Hex color **1D8649** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **861D5A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5BBC7A**, and **00531B** is the 20% darker color. If you saturate the color by 10%, you get **108641**, and if you desaturate by 10%, it is **2A8651**.

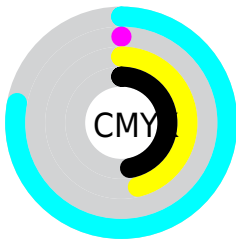
Distribution



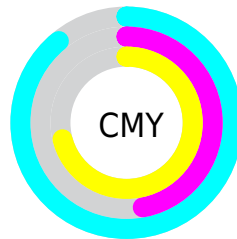
- Red (11%)
- Green (53%)
- Blue (29%)



- Red (11%)
- Yellow (40%)
- Blue (53%)



- Cyan (78%)
- Magenta (0%)
- Yellow (46%)
- Black (47%)



- Cyan (89%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D8649 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 1D8649 by changing the saturation by 10% instead.

 1D8649

 1D8649

FFFFFF

 006C32

 5BBC7A

 00531B

 77D895

 003B03

 93F5AF

 002600

 B0FFCB

 000000

 CCFFE7

 EAFFFF

 1D8649

 1D8649

 108641

 2A8651

■ 028639

■ 388659

■ 008638

■ 458660

■ 538668

■ 608670

■ 6D8678

■ 7B867F

■ 888687

■ 96868F

Harmonies

Analogous

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



607F25



1D8649



008974

Triad

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



1D8649



007ACA



BF534D

Complementary

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



1D8649



861D5A

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.



C04D76



1D8649



766ABE

Square

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



1D8649



0084BE



A857A0



AB632A

Rectangle

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



1D8649



008991



A857A0



C24F5A

Sweetspot

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



1D8649



84AD95



5A861D



3E5748



D6D6D6



575757

Same Dimension

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



1D8649



0AAD4F



1D867D



3C423E



008236



000301

Inverse Universe

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



861D5A



AD0A69



861D26



423C40



82004C



030001

Previews

White Background



This preview shows how the Hex color 1D8649 looks on a white background.

Color Contrast Check

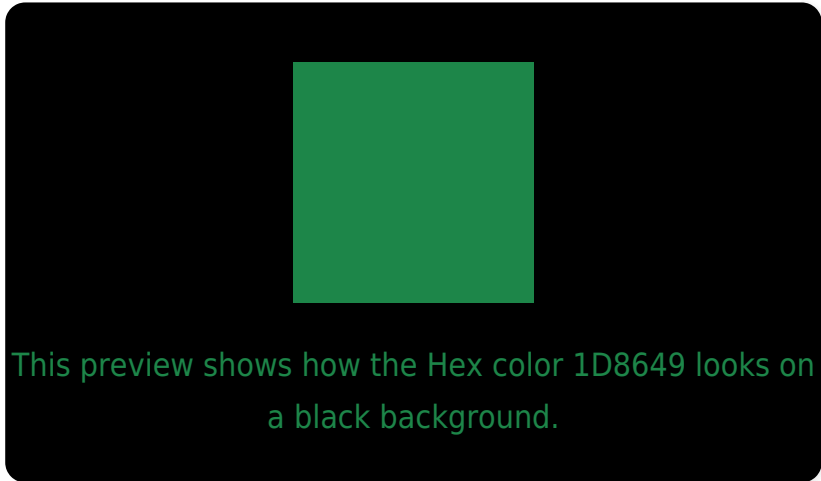
Large Text (above 18pt) WCAG AA ✓ Pass

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

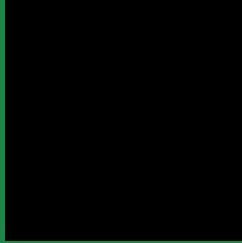
Any Text WCAG AA ✓ Pass

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 1D8649 Background



This preview shows how black text looks on a background with the Hex color 1D8649.



This preview shows how white text looks on a background with the Hex color 1D8649.

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
1D8649

Protanopia
807442

Deuteranopia
8B6F4E



Tritanopia
397F89

Trichromacy



Original Color
1D8649



Protanomaly
5C7B45



Deuteranomaly
63774C



Tritanomaly
2F8272

Monochromacy



Original Color
1D8649



Achromatopsia
606060



Achromatomaly
486E58

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D8649 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 #1D8649 looks like.

```
.text, #text, p{  
    color:#1D8649  
}
```

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 #1D8649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D8649
}
```

Border

The CSS property to change the border of an element to Hex 1D8649 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
#1D8649 }
```

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

```
.border{ border-color:#1D8649 }
```

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

Here you see how a box with a 4 pixel #1D8649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D8649; -webkit-box-shadow:4px 4px  
4px 4px #1D8649; box-shadow:4px 4px 4px  
4px #1D8649 }
```

Background

The CSS property to change the background color of an element to Hex 1D8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D8649 }
```

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

```
.background{ background-color:#1D8649 }
```

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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