

Converting Colors

Hex(1D4C67)

Have a look what the booklet for
Hex(1D4C67) contains.

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Color

Hex(1D4C67)

Conversions

Conversions Part 1

Format	Color
Hex	1D4C67
RGB	29, 76, 103
RGB Percent	11%, 30%, 40%
CMY	0.8863, 0.7020, 0.5961
CMYK	0.72, 0.26, 0.00, 0.60
HSL	202°, 56%, 26%
HSV	202°, 72%, 40%
XYZ	5.5393, 6.4094, 13.7771
YIQ	65.0250, -36.6790, -1.5670

Conversions

Conversions Part 2

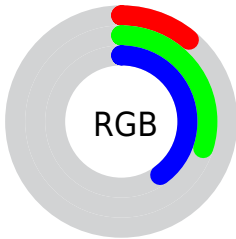
Format	Color
R _Y B	29, 58, 103
Decimal	1920103
CIE Lab	30.42, -6.24, -20.37
CIE LCh	30, 21.303, 252.959
Yxy	6.4094, 0.2153, 0.2491
Android (android.graphics.Color)	4280110183 (0xFF1D4C67)
YUV	65.0250, 18.7217, -31.5939
Hunter-Lab	25.3167, -5.2483, -14.5434




Details

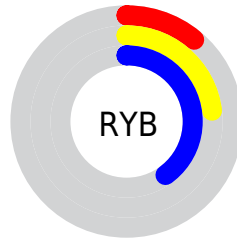
The Hex color **1D4C67** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **67381D**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **537D9A**, and **002038** is the 20% darker color. If you saturate the color by 10%, you get **134867**, and if you desaturate by 10%, it is **275067**.

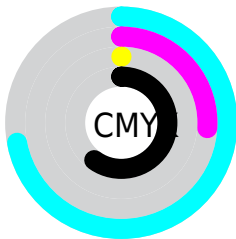
Distribution







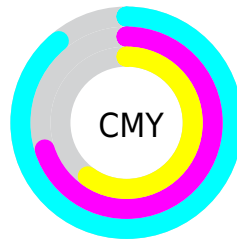
-  Red (11%)
-  Green (30%)
-  Blue (40%)






-  Red (11%)
-  Yellow (23%)
-  Blue (40%)



-  Cyan (72%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (89%)
-  Magenta (70%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D4C67 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 1D4C67 by changing the saturation by 10% instead.



1D4C67



1D4C67

FFFFFF



00354F



537D9A



002038



6D97B5



000523



88B1D1



000009



A3CDED



000000



BFE9FF



DBFFFF



F9FFFF



1D4C67



1D4C67

■ 134867

■ 275067

■ 084467

■ 325467

■ 004167

■ 3C5767

■ 465B67

■ 505F67

■ 5B6367

■ 656667

■ 6F6A67

■ 7A6E67

Harmonies

Analogous

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



004F5E



1D4C67



3B4768

Triad

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



1D4C67



683B41



394D2F

Complementary

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



1D4C67



67381D

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.



4B4927



1D4C67



653E32

Square

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



1D4C67



623C52



5B4328



24503D

Rectangle

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



1D4C67



4C4363



5B4328



3F4C2B

Sweetspot

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



1D4C67



697C87



1D6737



333E45



C4C4C4



454545

Same Dimension

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



1D4C67



135D87



1D2867



2E3133



004973



009AF2

Inverse Universe

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



671D4C



87135D



675C1D



332E31



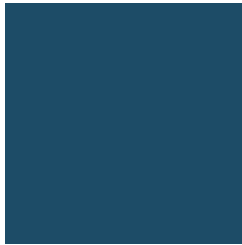
730049



F2009A

Previews

White Background



This preview shows how the Hex color 1D4C67 looks on a white background.

Color Contrast Check

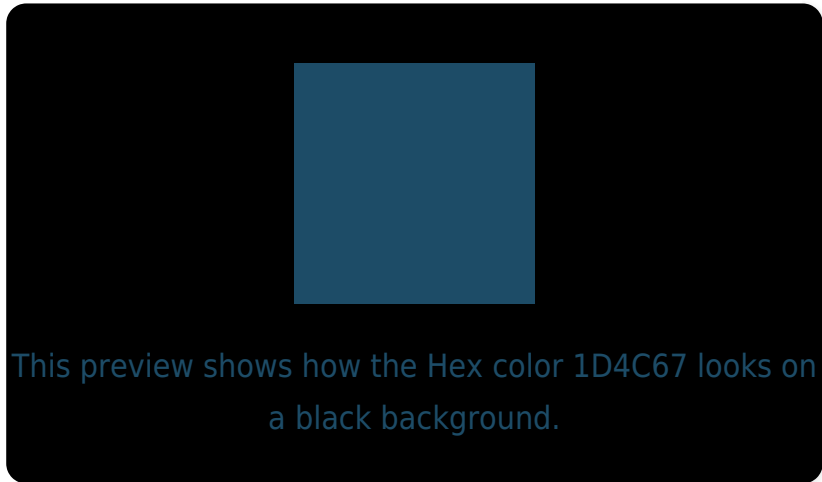
Large Text (above 18pt) WCAG AA ✓ Pass

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

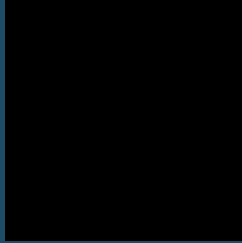
Any Text WCAG AA × Fail

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 1D4C67 Background



This preview shows how black text looks on a background with the Hex color 1D4C67.



This preview shows how white text looks on a background with the Hex color 1D4C67.

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
1D4C67

Protanopia
3F4663

Deuteranopia
3A4768



Tritanopia
0E4F56

Trichromacy



Original Color
1D4C67

Protanomaly
334864

Deuteranomaly
2F4968

Tritanomaly
134E5C

Monochromacy



Original Color
1D4C67

Achromatopsia
414141

Achromatomaly
34454F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D4C67 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 #1D4C67 looks like.

```
.text, #text, p{  
    color:#1D4C67  
}
```

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 #1D4C67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D4C67
}
```

Border

The CSS property to change the border of an element to Hex 1D4C67 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
#1D4C67 }
```

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

```
.border{ border-color:#1D4C67 }
```

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

Here you see how a box with a 4 pixel #1D4C67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D4C67; -webkit-box-shadow:4px 4px  
4px 4px #1D4C67; box-shadow:4px 4px 4px  
4px #1D4C67 }
```

Background

The CSS property to change the background color of an element to Hex 1D4C67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D4C67 }
```

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

```
.background{ background-color:#1D4C67 }
```

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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