

Converting Colors

Hex(1D3968)

Have a look what the booklet for
Hex(1D3968) contains.

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Color

Hex(1D3968)

Conversions

Conversions Part 1

Format	Color
Hex	1D3968
RGB	29, 57, 104
RGB Percent	11%, 22%, 41%
CMY	0.8863, 0.7765, 0.5922
CMYK	0.72, 0.45, 0.00, 0.59
HSL	218°, 56%, 26%
HSV	218°, 72%, 41%
XYZ	4.4685, 4.1869, 13.6693
YIQ	53.9860, -31.7750, 8.6810

Conversions

Conversions Part 2

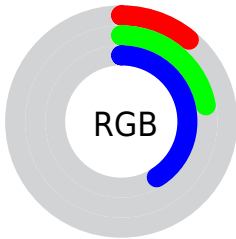
Format	Color
RYB	29, 49, 104
Decimal	1915240
CIELab	24.28, 6.84, -30.70
CIElCh	24, 31.448, 282.558
Yxy	4.1869, 0.2002, 0.1875
Android (android.graphics.Color)	4280105320 (0xFF1D3968)
YUV	53.9860, 24.6569, -21.9127
Hunter-Lab	20.4620, 3.1724, -25.2844

Details

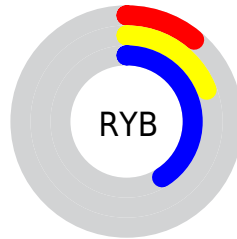
The Hex color **1D3968** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **684C1D**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **53689C**, and **000E38** is the 20% darker color. If you saturate the color by 10%, you get **133268**, and if you desaturate by 10%, it is **274068**.

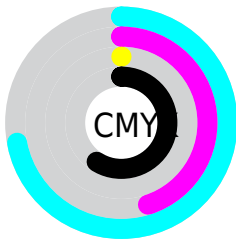
Distribution



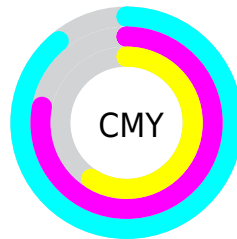
- Red (11%)
- Green (22%)
- Blue (41%)



- Red (11%)
- Yellow (19%)
- Blue (41%)



- Cyan (72%)
- Magenta (45%)
- Yellow (0%)
- Black (59%)



- Cyan (89%)
- Magenta (78%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3968 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 1D3968 by changing the saturation by 10% instead.



1D3968



1D3968

FFFFFF



002450



53689C



000E38



6D81B7



000222



889AD2



000009



A3B5EF



000000



BFD1FF



DBEDFF



F8FFFF



1D3968



1D3968

■ 133268

■ 274068

■ 082C68

■ 324668

■ 002768

■ 3C4D68

■ 475368

■ 515A68

■ 5B6068

■ 666768

■ 706D68

■ 7B7468

Harmonies

Analogous

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



004067



1D3968



482F5D

Triad

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



1D3968



602A1B



00442B

Complementary

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



1D3968



684C1D

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.



224114



1D3968



513309

Square

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



1D3968



652331



3D3C06



004543

Rectangle

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



1D3968



582850



3D3C06



024323

Sweetspot

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



1D3968



697587



1D684B



333A45



C4C4C4



454545

Same Dimension

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



1D3968



123D87



261D68



2E3033



002B73



005AF2

Inverse Universe

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



681D39



87123D



5F681D



332E30



73002B



F2005A

Previews

White Background



This preview shows how the Hex color 1D3968 looks on a white background.

Color Contrast Check

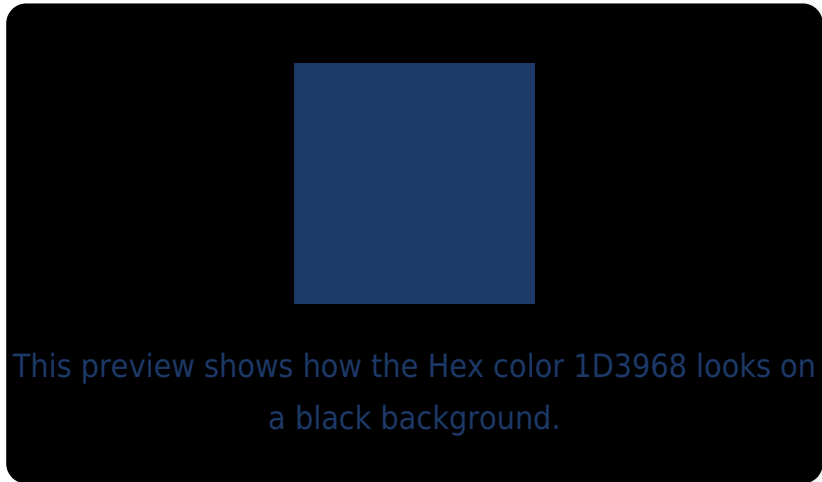
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D3968 Background



This preview shows how black text looks on a background with the Hex color 1D3968.



This preview shows how white text looks on a background with the Hex color 1D3968.

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
1D3968

Protanopia
233867

Deuteranopia
0B3B68

Trichromacy



Original Color
1D3968

Protanomaly
213867

Deuteranomaly
123A68

Tritanomaly
0B3D52

Monochromacy



Original Color
1D3968

Achromatopsia
363636

Achromatomaly
2D3748

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3968 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 #1D3968 looks like.

```
.text, #text, p{  
    color:#1D3968  
}
```

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 #1D3968 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3968
}
```

Border

The CSS property to change the border of an element to Hex 1D3968 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
#1D3968 }
```

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

```
.border{ border-color:#1D3968 }
```

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

Here you see how a box with a 4 pixel #1D3968 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3968; -webkit-box-shadow:4px 4px  
4px 4px #1D3968; box-shadow:4px 4px 4px  
4px #1D3968 }
```

Background

The CSS property to change the background color of an element to Hex 1D3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3968 }
```

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

```
.background{ background-color:#1D3968 }
```

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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