

Converting Colors

Hex(1D3D5A)

Have a look what the booklet for
Hex(1D3D5A) contains.

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Color

Hex(1D3D5A)

Conversions

Conversions Part 1

Format	Color
Hex	1D3D5A
RGB	29, 61, 90
RGB Percent	11%, 24%, 35%
CMY	0.8863, 0.7608, 0.6471
CMYK	0.68, 0.32, 0.00, 0.65
HSL	209°, 51%, 23%
HSV	209°, 68%, 35%
XYZ	4.0209, 4.3369, 10.2980
YIQ	54.7380, -28.3810, 2.2350

Conversions

Conversions Part 2

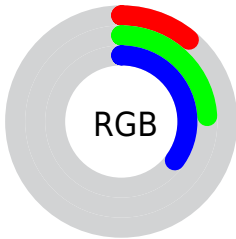
Format	Color
RYB	29, 50, 90
Decimal	1916250
CIELab	24.76, -1.45, -20.86
CIELCh	25, 20.906, 266.025
Yxy	4.3369, 0.2155, 0.2325
Android (android.graphics.Color)	4280106330 (0xFF1D3D5A)
YUV	54.7380, 17.3842, -22.5722
Hunter-Lab	20.8252, -1.9795, -14.7412

Details

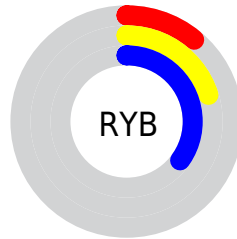
The Hex color **1D3D5A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A3A1D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **506C8C**, and **00132C** is the 20% darker color. If you saturate the color by 10%, you get **14395A**, and if you desaturate by 10%, it is **26415A**.

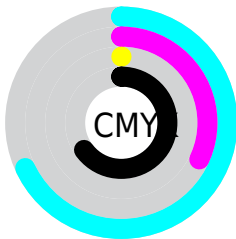
Distribution



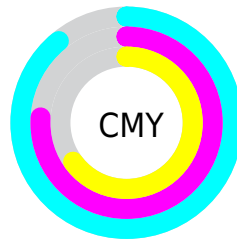
- Red (11%)
- Green (24%)
- Blue (35%)



- Red (11%)
- Yellow (20%)
- Blue (35%)



- Cyan (68%)
- Magenta (32%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D3D5A 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 1D3D5A by changing the saturation by 10% instead.

■ 1D3D5A

■ 1D3D5A

FFFFFF

■ 002742

■ 506C8C

■ 00132C

■ 6985A7

■ 000117

■ 84A0C2

■ 000000

■ 9EBADE

■ BAD6FB

■ D6F2FF

■ F3FFFF

■ 1D3D5A

■ 1D3D5A

■ 14395A

■ 26415A

■ 0B345A

■ 2F465A

■ 02305A

■ 384A5A

■ 002F5A

■ 414E5A

■ 4A525A

■ 53575A

■ 5C5B5A

■ 655F5A

■ 6E645A

Harmonies

Analogous

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



004154



1D3D5A



393757

Triad

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



1D3D5A



592F2E



244129

Complementary

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



1D3D5A



5A3A1D

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.



373E1E



1D3D5A



523421

Square

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



1D3D5A



572E3E



46391B



094338

Rectangle

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



1D3D5A



473351



46391B



2B4024

Sweetspot

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



1D3D5A



5E6A75



1D5A39



2D343B



BABABA



3B3B3B

Same Dimension

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



1D3D5A



164875



1D1F5A



292C2E



003A6E



007CED

Inverse Universe

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



5A1D3D



751648



5A581D



2E292C



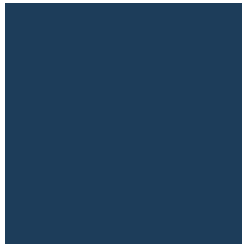
6E003A



ED007C

Previews

White Background



This preview shows how the Hex color 1D3D5A looks on a white background.

Color Contrast Check

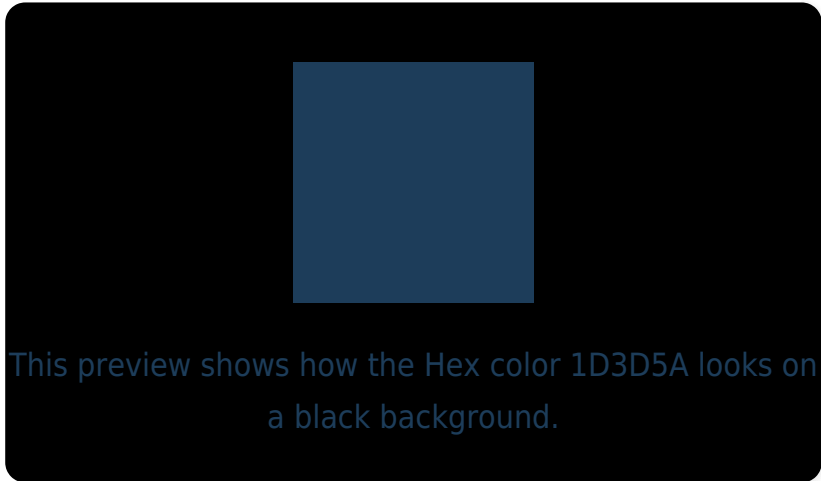
Large Text (above 18pt) WCAG AA ✓ Pass

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

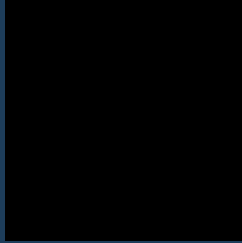
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

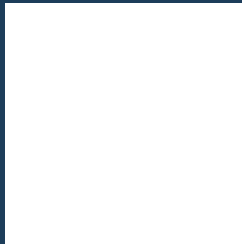
Any Text WCAG AAA × Fail

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

Hex 1D3D5A Background



This preview shows how black text looks on a background with the Hex color 1D3D5A.



This preview shows how white text looks on a background with the Hex color 1D3D5A.

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](#).

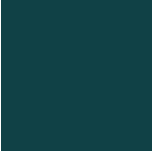
Dichromacy



Original Color
1D3D5A

Protanopia
313A57

Deuteranopia
2B3B5B



Tritanopia
104146

Trichromacy



Original Color
1D3D5A

Protanomaly
2A3B58

Deuteranomaly
263C5B

Tritanomaly
15404D

Monochromacy



Original Color
1D3D5A

Achromatopsia
373737

Achromatomaly
2E3944

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D3D5A 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 #1D3D5A looks like.

```
.text, #text, p{  
    color:#1D3D5A  
}
```

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 #1D3D5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D3D5A
}
```

Border

The CSS property to change the border of an element to Hex 1D3D5A 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
#1D3D5A }
```

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

```
.border{ border-color:#1D3D5A }
```

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

Here you see how a box with a 4 pixel #1D3D5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D3D5A; -webkit-box-shadow:4px 4px  
4px 4px #1D3D5A; box-shadow:4px 4px 4px  
4px #1D3D5A }
```

Background

The CSS property to change the background color of an element to Hex 1D3D5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D3D5A }
```

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

```
.background{ background-color:#1D3D5A }
```

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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