

Converting Colors

Hex(1D465D)

Have a look what the booklet for
Hex(1D465D) contains.

Hex(1D465D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D465D)

Conversions

Conversions Part 1

Format	Color
Hex	1D465D
RGB	29, 70, 93
RGB Percent	11%, 27%, 36%
CMY	0.8863, 0.7255, 0.6353
CMYK	0.69, 0.25, 0.00, 0.64
HSL	202°, 52%, 24%
HSV	202°, 69%, 36%
XYZ	4.6726, 5.4318, 11.1581
YIQ	60.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

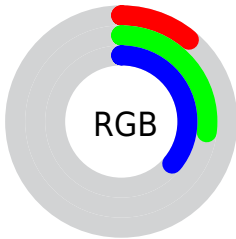
Format	Color
RYB	29, 54, 93
Decimal	1918557
CIELab	27.93, -6.19, -17.85
CIELCh	28, 18.893, 250.865
Yxy	5.4318, 0.2198, 0.2555
Android (android.graphics.Color)	4280108637 (0xFF1D465D)
YUV	60.3630, 16.0900, -27.5054
Hunter-Lab	23.3063, -4.9989, -12.0712

Details

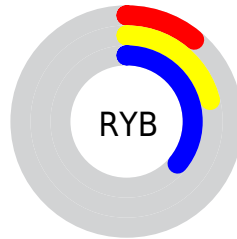
The Hex color **1D465D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5D341D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **51768F**, and **001B2F** is the 20% darker color. If you saturate the color by 10%, you get **14435D**, and if you desaturate by 10%, it is **26495D**.

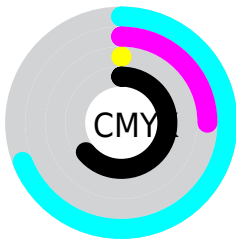
Distribution



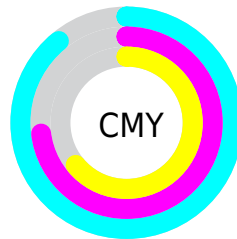
- Red (11%)
- Green (27%)
- Blue (36%)



- Red (11%)
- Yellow (21%)
- Blue (36%)



- Cyan (69%)
- Magenta (25%)
- Yellow (0%)
- Black (64%)



- Cyan (89%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D465D 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 1D465D by changing the saturation by 10% instead.

■ 1D465D

■ 1D465D

FFFFFF

■ 003045

■ 51768F

■ 001B2F

■ 6B90AA

■ 00011A

■ 85AAC5

■ 000000

■ A0C6E1

■ BCE2FE

■ D8FEFF

■ F5FFFF

■ 1D465D

■ 1D465D

■ 14435D

■ 26495D

■ 0A3F5D

■ 304D5D

■ 013C5D

■ 39505D

■ 003C5D

■ 42535D

■ 4B575D

■ 555A5D

■ 5E5D5D

■ 67615D

■ 71645D

Harmonies

Analogous

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



084954



1D465D



36425E

Triad

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



1D465D



5E373D



36472B

Complementary

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



1D465D



5D341D

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.



464325



1D465D



5C3930

Square

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



1D465D



58384C



543E27



244938

Rectangle

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



1D465D



443E5B



543E27



3C4529

Sweetspot

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



1D465D



5F6F78



1D5D33



2E383D



BDBDBD



3D3D3D

Same Dimension

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



1D465D



145478



1D275D



292C2E



00466E



0098ED

Inverse Universe

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



5D1D46



781454



5D531D



2E292C



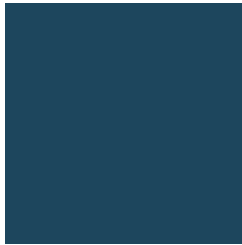
6E0046



ED0098

Previews

White Background



This preview shows how the Hex color 1D465D looks on a white background.

Color Contrast Check

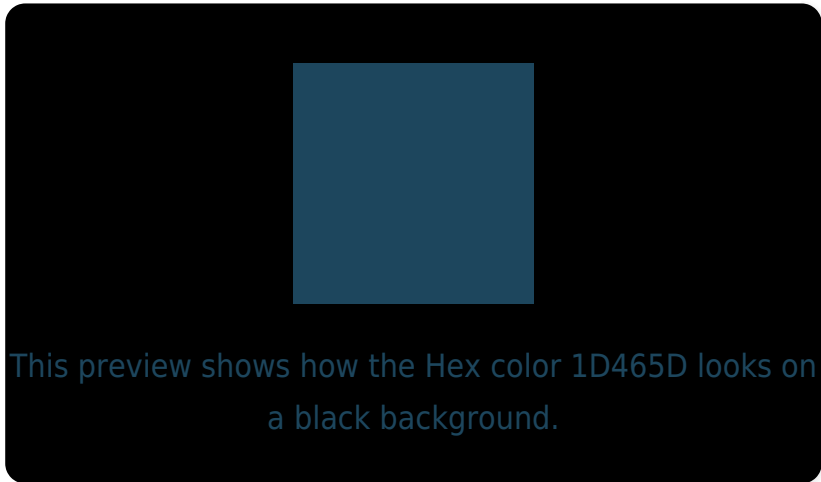
Large Text (above 18pt) WCAG AA ✓ Pass

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

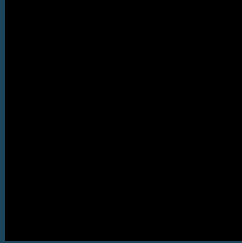
Any Text WCAG AA × Fail

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 1D465D Background



This preview shows how black text looks on a background with the Hex color 1D465D.



This preview shows how white text looks on a background with the Hex color 1D465D.

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](#).

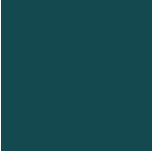
Dichromacy



Original Color
1D465D

Protanopia
3B4159

Deuteranopia
37415E



Tritanopia
13494F

Trichromacy



Original Color
1D465D

Protanomaly
30435A

Deuteranomaly
2E435E

Tritanomaly
174854

Monochromacy



Original Color
1D465D

Achromatopsia
3C3C3C

Achromatomaly
314048

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D465D 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 #1D465D looks like.

```
.text, #text, p{  
    color:#1D465D  
}
```

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 #1D465D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D465D
}
```

Border

The CSS property to change the border of an element to Hex 1D465D 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
#1D465D }
```

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

```
.border{ border-color:#1D465D }
```

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

Here you see how a box with a 4 pixel #1D465D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D465D; -webkit-box-shadow:4px 4px  
4px 4px #1D465D; box-shadow:4px 4px 4px  
4px #1D465D }
```

Background

The CSS property to change the background color of an element to Hex 1D465D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D465D }
```

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

```
.background{ background-color:#1D465D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor