

Converting Colors

Hex(1D5145)

Have a look what the booklet for
Hex(1D5145) contains.

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Color

Hex(1D5145)

Conversions

Conversions Part 1

Format	Color
Hex	1D5145
RGB	29, 81, 69
RGB Percent	11%, 32%, 27%
CMY	0.8863, 0.6824, 0.7294
CMYK	0.64, 0.00, 0.15, 0.68
HSL	166°, 47%, 22%
HSV	166°, 64%, 32%
XYZ	4.5233, 6.5757, 6.6611
YIQ	64.0840, -27.1400, -14.7560

Conversions

Conversions Part 2

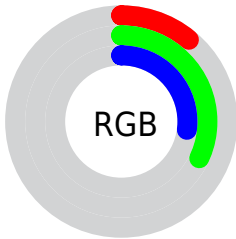
Format	Color
R_{YB}	29, 58, 81
Decimal	1921349
CIE _{Lab}	30.82, -20.62, 1.92
CIE _{LCh}	31, 20.710, 174.681
Yxy	6.5757, 0.2547, 0.3703
Android (android.graphics.Color)	4280111429 (0xFF1D5145)
YUV	64.0840, 2.4236, -30.7687
Hunter-Lab	25.6432, -13.3893, 2.5491




Details

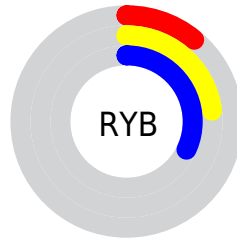
The Hex color **1D5145** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **511D29**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **4F8375**, and **00241A** is the 20% darker color. If you saturate the color by 10%, you get **155143**, and if you desaturate by 10%, it is **255147**.

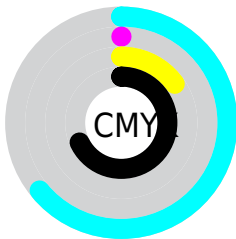
Distribution







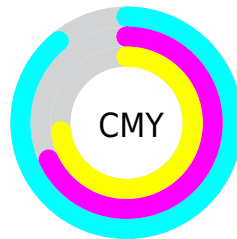
-  Red (11%)
-  Green (32%)
-  Blue (27%)






-  Red (11%)
-  Yellow (23%)
-  Blue (32%)



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (15%)
-  Black (68%)



-  Cyan (89%)
-  Magenta (68%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D5145 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 1D5145 by changing the saturation by 10% instead.

 1D5145

 1D5145

FFFFFF

 003A2F

 4F8375

 00241A

 699D8F

 000600

 83B8A9

 000000

 9ED4C4

 B9F0E0

 D5FFFD

 F2FFFF

 1D5145

 1D5145

■ 155143

■ 255147

■ 0D5141

■ 2D5149

■ 05513F

■ 35514B

■ 00513E

■ 3D514C

■ 46514E

■ 4E5150

■ 565152

■ 5E5154

■ 665156

Harmonies

Analogous

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



334F35



1D5145



055155

Triad

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



1D5145



464566



62412F

Complementary

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



1D5145



511D29

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.



683D3C



1D5145



5A405B

Square

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



1D5145



2C4B68



663C4C



564728

Rectangle

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



1D5145



05505F



663C4C



653F33

Sweetspot

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



1D5145



556964



29511D



293633



B5B5B5



363636

Same Dimension

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



1D5145



186956



1D4351



252928



006950



00E8B3

Inverse Universe

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



511D29



69182B



512B1D



292526



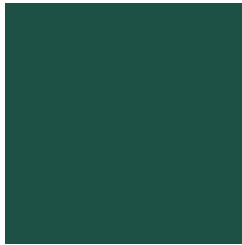
690018



E80036

Previews

White Background



This preview shows how the Hex color 1D5145 looks on a white background.

Color Contrast Check

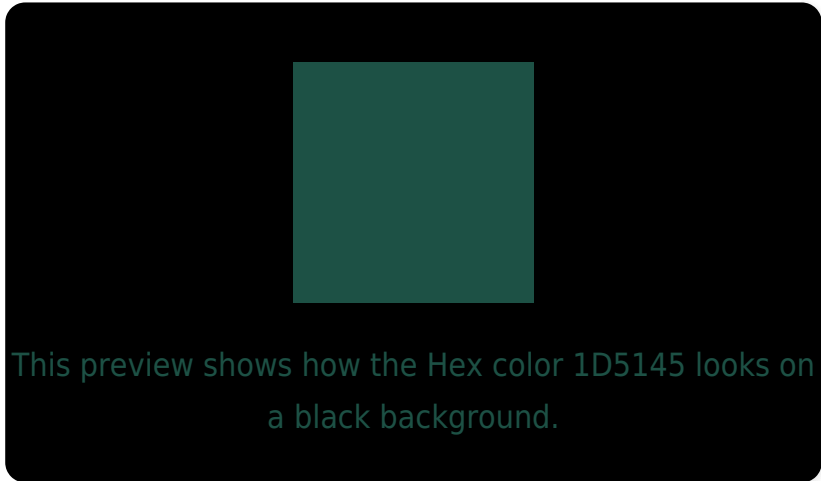
Large Text (above 18pt) WCAG AA ✓ Pass

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

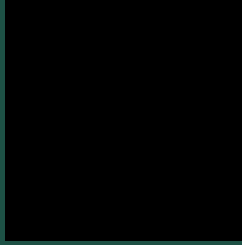
Any Text WCAG AA × Fail

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 1D5145 Background



This preview shows how black text looks on a background with the Hex color 1D5145.



This preview shows how white text looks on a background with the Hex color 1D5145.

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
1D5145

Protanopia
4B4840

Deuteranopia
504647



Tritanopia
244F55

Trichromacy



Original Color
1D5145

Protanomaly
3A4B42

Deuteranomaly
3D4A46

Tritanomaly
21504F

Monochromacy



Original Color
1D5145

Achromatopsia
404040

Achromatomaly
334642

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D5145 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 #1D5145 looks like.

```
.text, #text, p{  
    color:#1D5145  
}
```

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 #1D5145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D5145
}
```

Border

The CSS property to change the border of an element to Hex 1D5145 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
#1D5145 }
```

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

```
.border{ border-color:#1D5145 }
```

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

Here you see how a box with a 4 pixel #1D5145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D5145; -webkit-box-shadow:4px 4px  
4px 4px #1D5145; box-shadow:4px 4px 4px  
4px #1D5145 }
```

Background

The CSS property to change the background color of an element to Hex 1D5145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D5145 }
```

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

```
.background{ background-color:#1D5145 }
```

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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