

# Converting Colors

Hex(1D6142)

Have a look what the booklet for  
Hex(1D6142) contains.

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# Color

**Hex(1D6142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1D6142
RGB	29, 97, 66
RGB Percent	11%, 38%, 26%
CMY	0.8863, 0.6196, 0.7412
CMYK	0.70, 0.00, 0.32, 0.62
HSL	153°, 54%, 25%
HSV	153°, 70%, 38%
XYZ	5.7648, 9.2039, 6.6270
YIQ	73.1340, -30.5770, -24.0570

# Conversions

## Conversions Part 2

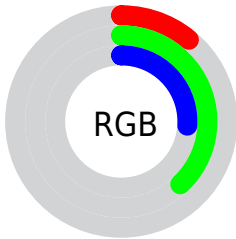
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 73, 97
Decimal	1925442
CIE Lab	36.37, -29.30, 11.63
CIE LCh	36, 31.524, 158.353
Yxy	9.2039, 0.2669, 0.4262
Android (android.graphics.Color)	4280115522 (0xFF1D6142)
YUV	73.1340, -3.5171, -38.7055
Hunter-Lab	30.3380, -19.1734, 8.2854

# Details

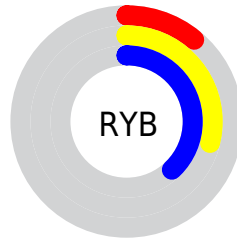
The Hex color **1D6142** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **611D3C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **529472**, and **003217** is the 20% darker color. If you saturate the color by 10%, you get **13613E**, and if you desaturate by 10%, it is **276146**.

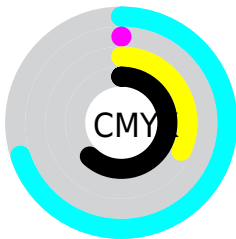
# Distribution



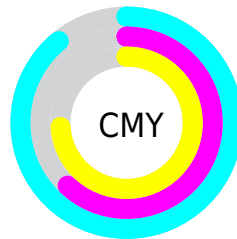
- Red (11%)
- Green (38%)
- Blue (26%)



- Red (11%)
- Yellow (29%)
- Blue (38%)



- Cyan (70%)
- Magenta (0%)
- Yellow (32%)
- Black (62%)



- Cyan (89%)
- Magenta (62%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D6142 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 1D6142 by changing the saturation by 10% instead.



 1D6142

 1D6142

FFFFFF

 00492C

 529472

 003217

 6CAF8C

 001E00

 87CBA6

 000000

 A2E7C1

 BEFFDD

 DAFFFA

 F7FFFF

 1D6142

 1D6142

■ 13613E

■ 276146

■ 0A6139

■ 30614B

■ 006135

■ 3A614F

■ 446154

■ 4E6158

■ 57615D

■ 616161

■ 6B6165

■ 74616A

# Harmonies

## Analogous

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



435D2C



1D6142



00625C

# Triad

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



1D6142



375688



824537

# Complementary

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



1D6142



611D3C

# 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.



85404F



1D6142



614C7D

# Square

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



1D6142



005D84



7A4369



734E26

# Rectangle

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



1D6142



00626D



7A4369



84423F



# Sweetspot

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



1D6142



637D71



3D611D



304038



BFBFBF



404040



# Same Dimension

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



1D6142



147D4D



1D5F61



2C302E



00703D



00F082



# Inverse Universe

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



611D3C



7D1444



611F1D



302C2E



700033

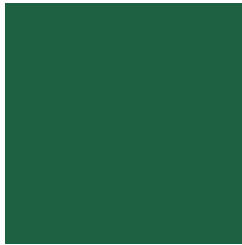


F0006D



# Previews

## White Background



This preview shows how the Hex color 1D6142 looks on a white background.

## Color Contrast Check

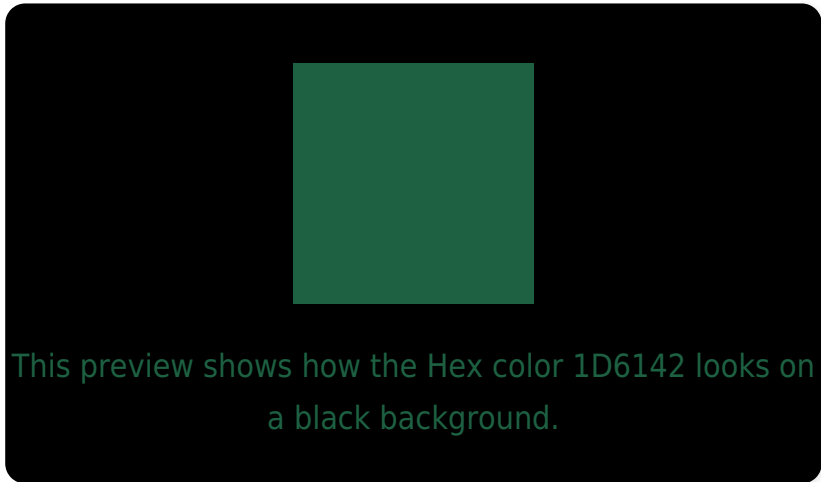
Large Text (above 18pt) WCAG AA ✓ Pass

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

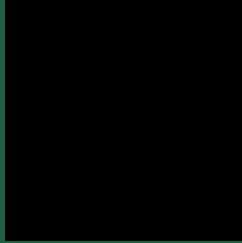
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D6142 Background



This preview shows how black text looks on a background with the Hex color 1D6142.



This preview shows how white text looks on a background with the Hex color 1D6142.

# 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**  
1D6142

**Protanopia**  
5C553D

**Deuteranopia**  
635245



**Tritanopia**  
2B5D64

# Trichromacy



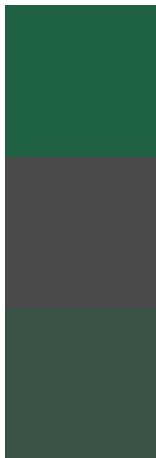
**Original Color**  
1D6142

**Protanomaly**  
45593F

**Deuteranomaly**  
4A5744

**Tritanomaly**  
265E58

# Monochromacy



**Original Color**  
1D6142

**Achromatopsia**  
494949

**Achromatomaly**  
395246

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D6142 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 #1D6142 looks like.

```
.text, #text, p{  
    color:#1D6142  
}
```

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 #1D6142 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D6142
}
```

## Border

The CSS property to change the border of an element to Hex 1D6142 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".

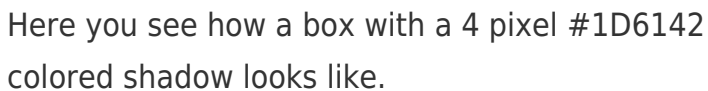
```
.border, #border, table{ border:4px solid
#1D6142 }
```

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

```
.border{ border-color:#1D6142 }
```

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

Here you see how a box with a 4 pixel #1D6142 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D6142; -webkit-box-shadow:4px 4px  
4px 4px #1D6142; box-shadow:4px 4px 4px  
4px #1D6142 }
```

# Background

The CSS property to change the background color of an element to Hex 1D6142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D6142 }
```

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

```
.background{ background-color:#1D6142 }
```

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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