

Converting Colors

Hex(1D742C)

Have a look what the booklet for
Hex(1D742C) contains.

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Color

Hex(1D742C)

Conversions

Conversions Part 1

Format	Color
Hex	1D742C
RGB	29, 116, 44
RGB Percent	11%, 45%, 17%
CMY	0.8863, 0.5451, 0.8275
CMYK	0.75, 0.00, 0.62, 0.55
HSL	130°, 60%, 28%
HSV	130°, 75%, 45%
XYZ	7.2067, 12.9338, 4.4995
YIQ	81.7790, -28.7400, -40.8360

Conversions

Conversions Part 2

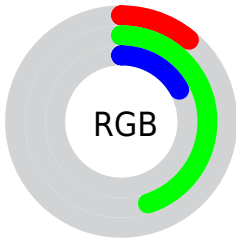
Format	Color
R_{YB}	29, 103, 116
Decimal	1930284
CIE _{Lab}	42.66, -41.23, 32.00
CIE _{LCh}	43, 52.192, 142.188
Y _{xy}	12.9338, 0.2925, 0.5249
Android (android.graphics.Color)	4280120364 (0xFF1D742C)
YUV	81.7790, -18.6250, -46.2872
Hunter-Lab	35.9637, -27.1670, 17.7566

Details

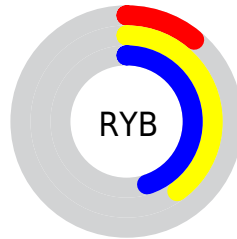
The Hex color **1D742C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **741D65**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **57A95C**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **117422**, and if you desaturate by 10%, it is **297436**.

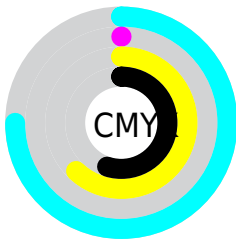
Distribution



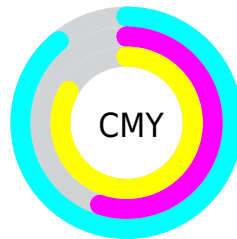
- Red (11%)
- Green (45%)
- Blue (17%)



- Red (11%)
- Yellow (40%)
- Blue (45%)



- Cyan (75%)
- Magenta (0%)
- Yellow (62%)
- Black (55%)



- Cyan (89%)
- Magenta (55%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D742C 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 1D742C by changing the saturation by 10% instead.

 1D742C

 1D742C

FFFFFF

 005B14

 57A95C

 004200

 73C576

 002C00

 8EE190

 001100

 AAFEAB


 000000

 C6FFC6

 E3FFE2

 1D742C

 1D742C

 117422

 297436

■ 067419

■ 34743F

■ 007414

■ 407449

■ 4B7452

■ 57745C

■ 637466

■ 6E746F

■ 7A7479

■ 857482

Harmonies

Analogous

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



5B6C01



1D742C



007858

Triad

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



1D742C



006DBA



B13B47

Complementary

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



1D742C



741D65

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.



AC3A72



1D742C



4D5EB5

Square

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



1D742C



0076A8



8D4A9A



A14D20

Rectangle

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



1D742C



007976



8D4A9A



B23855

Sweetspot

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



1D742C



74967A



66741D



374D3B



CCCCCC



4D4D4D

Same Dimension

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



1D742C



0F9626



1D7457



353B36



007A15



00FA2B

Inverse Universe

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



741D65



960F7F



741D3A



3B353A



7A0065



FA00CF

Previews

White Background



This preview shows how the Hex color 1D742C looks on a white background.

Color Contrast Check

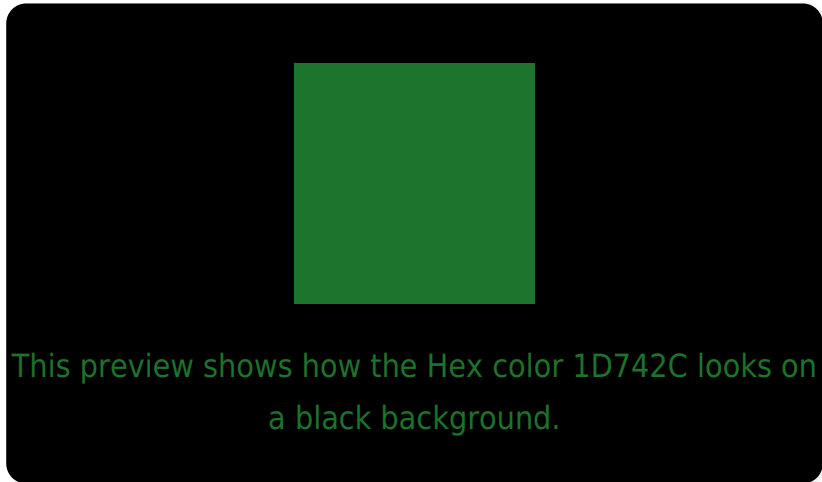
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

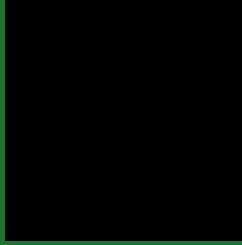
Any Text WCAG AA × Fail

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 1D742C Background



This preview shows how black text looks on a background with the Hex color 1D742C.



This preview shows how white text looks on a background with the Hex color 1D742C.

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
1D742C

Protanopia
706427

Deuteranopia
7B5F32



Tritanopia
356D75

Trichromacy



Original Color
1D742C



Protanomaly
526A29



Deuteranomaly
596730



Tritanomaly
2C705A

Monochromacy



Original Color
1D742C



Achromatopsia
525252



Achromatomaly
3F5E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D742C 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 #1D742C looks like.

```
.text, #text, p{  
    color:#1D742C  
}
```

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 #1D742C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D742C
}
```

Border

The CSS property to change the border of an element to Hex 1D742C 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
#1D742C }
```

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

```
.border{ border-color:#1D742C }
```

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

Here you see how a box with a 4 pixel #1D742C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D742C; -webkit-box-shadow:4px 4px  
4px 4px #1D742C; box-shadow:4px 4px 4px  
4px #1D742C }
```

Background

The CSS property to change the background color of an element to Hex 1D742C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D742C }
```

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

```
.background{ background-color:#1D742C }
```

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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