

Converting Colors

Hex(2D6B4C)

Have a look what the booklet for
Hex(2D6B4C) contains.

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Color

Hex(2D6B4C)

Conversions

Conversions Part 1	
Format	Color
Hex	2D6B4C
RGB	45, 107, 76
RGB Percent	18%, 42%, 30%
CMY	0.8235, 0.5804, 0.7020
CMYK	0.58, 0.00, 0.29, 0.58
HSL	150°, 41%, 30%
HSV	150°, 58%, 42%
XYZ	7.6444, 11.5951, 8.6726
YIQ	84.9280, -27.0010, -22.7850

Conversions

Conversions Part 2

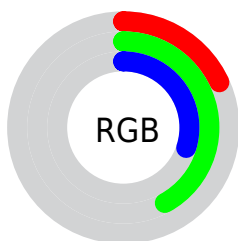
Format	Color
RYB	45, 86, 107
Decimal	2976588
CIELab	40.57, -27.99, 11.47
CIELCh	41, 30.250, 157.708
Yxy	11.5951, 0.2739, 0.4154
Android (android.graphics.Color)	4281166668 (0xFF2D6B4C)
YUV	84.9280, -4.4015, -35.0169
Hunter-Lab	34.0516, -19.5179, 8.7354

Details

The Hex color **2D6B4C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6B2D4C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **609F7D**, and **003B20** is the 20% darker color. If you saturate the color by 10%, you get **226B47**, and if you desaturate by 10%, it is **386B51**.

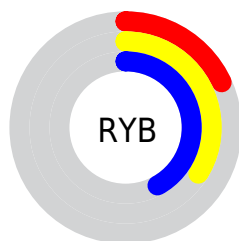
Distribution



Red (18%)

Green (42%)

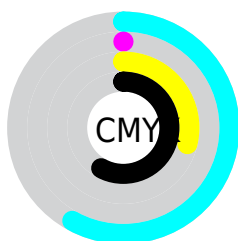
Blue (30%)



Red (18%)

Yellow (34%)

Blue (42%)

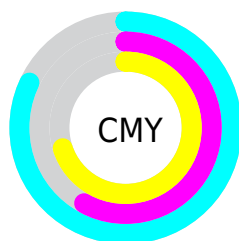


Cyan (58%)

Magenta (0%)

Yellow (29%)

Black (58%)



Cyan (82%)

Magenta (58%)

Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2D6B4C 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 2D6B4C by changing the saturation by 10% instead.

 2D6B4C

 2D6B4C

FFFFFF

 115235

 609F7D

 003B20

 7BBA97

 002509

 95D6B2

 000400

 B1F2CD

 000000

 CDFFE9

 EAEFFF

 2D6B4C

 2D6B4C

 226B47

 386B51

 186B41

 426B57

 0D6B3C

 4D6B5C

 026B37

 586B61

 006B36

 636B67

 6D6B6C

 786B71

 836B77

 8D6B7C

Harmonies

Analogous

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



4E6737



2D6B4C



006C65

Triad

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



2D6B4C



436090



8C4F43

Complementary

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



2D6B4C



6B2D4C

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.



8E4B5A



2D6B4C



6A5787

Square

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



2D6B4C



00678D



834E73



7E5832

Rectangle

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



2D6B4C



006C76



834E73



8E4D4A

Sweetspot

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



2D6B4C



748C80



4C6B2D



394740



C7C7C7



474747

Same Dimension

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



2D6B4C



2A8C5B



2D6B6B



303633



00753B



00F57A

Inverse Universe

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



6B2D4C



8C2A5B



6B2D2D



363033



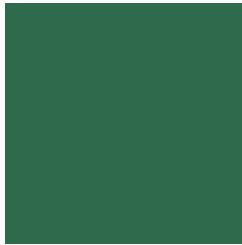
75003B



F5007A

Previews

White Background



This preview shows how the Hex color 2D6B4C looks on a white background.

Color Contrast Check

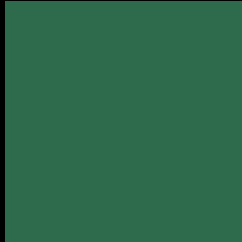
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2D6B4C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

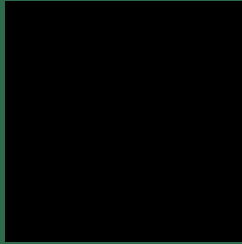
Any Text WCAG AA × Fail

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 2D6B4C Background



This preview shows how black text looks on a background with the Hex color 2D6B4C.

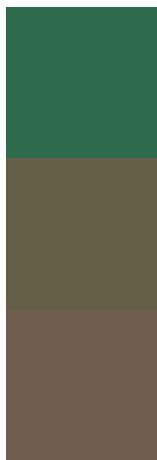


This preview shows how white text looks on a background with the Hex color 2D6B4C.

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
2D6B4C

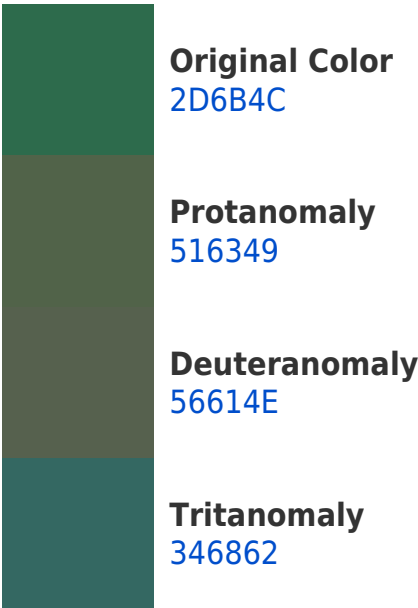
Protanopia
665F47

Deuteranopia
6E5C4F

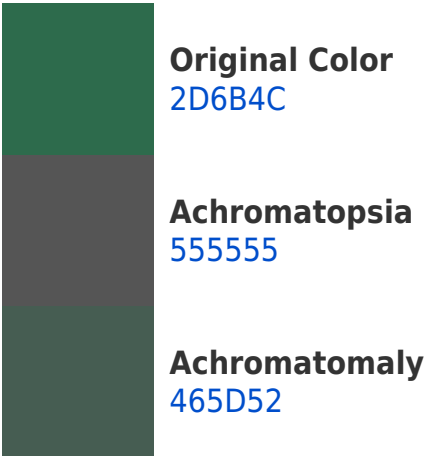


Tritanopia
38676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6B4C 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 #2D6B4C looks like.

```
.text, #text, p{  
    color:#2D6B4C  
}
```

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 #2D6B4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6B4C
}
```

Border

The CSS property to change the border of an element to Hex 2D6B4C 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
#2D6B4C }
```

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

```
.border{ border-color:#2D6B4C }
```

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

Here you see how a box with a 4 pixel #2D6B4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6B4C; -webkit-box-shadow:4px 4px  
4px 4px #2D6B4C; box-shadow:4px 4px 4px  
4px #2D6B4C }
```

Background

The CSS property to change the background color of an element to Hex 2D6B4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6B4C }
```

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

```
.background{ background-color:#2D6B4C }
```

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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