

Converting Colors

Hex(2D6821)

Have a look what the booklet for
Hex(2D6821) contains.

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Color

Hex(2D6821)

Conversions

Conversions Part 1

Format	Color
Hex	2D6821
RGB	45, 104, 33
RGB Percent	18%, 41%, 13%
CMY	0.8235, 0.5922, 0.8706
CMYK	0.57, 0.00, 0.68, 0.59
HSL	110°, 52%, 27%
HSV	110°, 68%, 41%
XYZ	6.3070, 10.5683, 3.1463
YIQ	78.2650, -12.3730, -34.5890

Conversions

Conversions Part 2

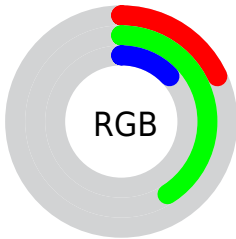
Format	Color
R_{YB}	33, 104, 92
Decimal	2975777
CIE _{Lab}	38.84, -33.97, 33.19
CIE _{LCh}	39, 47.489, 135.669
Yxy	10.5683, 0.3150, 0.5278
Android (android.graphics.Color)	4281165857 (0xFF2D6821)
YUV	78.2650, -22.3156, -29.1734
Hunter-Lab	32.5090, -22.2601, 17.0180

Details

The Hex color **2D6821** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5C2168**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **619C51**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **246817**, and if you desaturate by 10%, it is **36682B**.

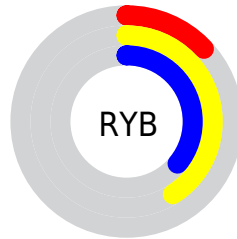
Distribution



Red (18%)

Green (41%)

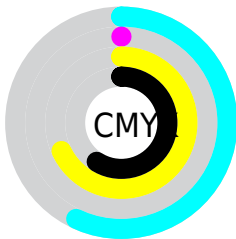
Blue (13%)



Red (13%)

Yellow (41%)

Blue (36%)

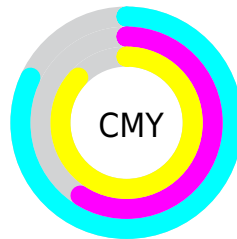


Cyan (57%)

Magenta (0%)

Yellow (68%)

Black (59%)



Cyan (82%)

Magenta (59%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6821 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 2D6821 by changing the saturation by 10% instead.



2D6821



2D6821

FFFFFF



104F08



619C51



003800



7CB76A



002400



97D384



000000



B2EF9E



CEFFB9



EBFFD5



FFFFFF2



2D6821



2D6821

■ 246817

■ 36682B

■ 1C680C

■ 3E6836

■ 136802

■ 476840

■ 126800

■ 50684B

■ 586855

■ 61685F

■ 69686A

■ 726874

■ 7B687F

Harmonies

Analogous

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



5B6000



2D6821



006C47

Triad

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



2D6821



0065A6



A03549

Complementary

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



2D6821



5C2168

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.



973870



2D6821



3259A6

Square

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



2D6821



006B92



774892



964225

Rectangle

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



2D6821



006D62



774892



A03456

Sweetspot

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



2D6821



71876C



685B21



374534



C4C4C4



454545

Same Dimension

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



2D6821



2B8718



216837



2F332E



137300



29F200

Inverse Universe

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



5C2168



741887



682152



322E33



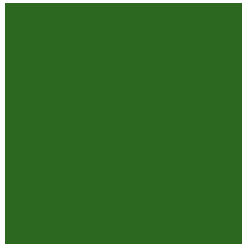
5F0073



C900F2

Previews

White Background



This preview shows how the Hex color 2D6821 looks on a white background.

Color Contrast Check

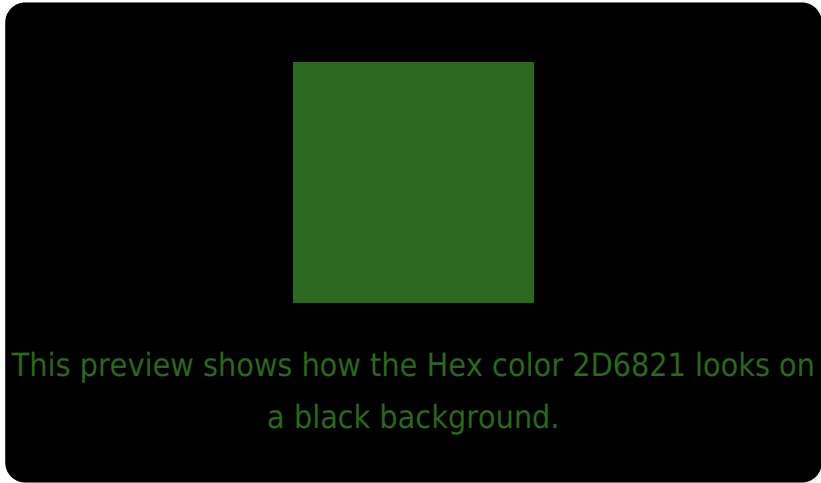
Large Text (above 18pt) WCAG AA ✓ Pass

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

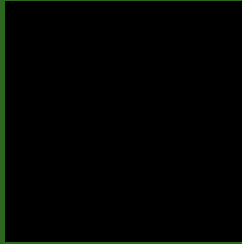
Any Text WCAG AA × Fail

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 2D6821 Background



This preview shows how black text looks on a background with the Hex color 2D6821.



This preview shows how white text looks on a background with the Hex color 2D6821.

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
2D6821

Protanopia
665B1E

Deuteranopia
715727



Tritanopia
3C6169

Trichromacy



Original Color
2D6821

Protanomaly
51601F

Deuteranomaly
585D25

Tritanomaly
37644F

Monochromacy



Original Color
2D6821

Achromatopsia
4E4E4E

Achromatomaly
42573E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6821 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 #2D6821 looks like.

```
.text, #text, p{  
    color:#2D6821  
}
```

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 #2D6821 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6821
}
```

Border

The CSS property to change the border of an element to Hex 2D6821 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".

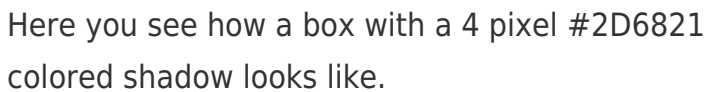
```
.border, #border, table{ border:4px solid
#2D6821 }
```

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

```
.border{ border-color:#2D6821 }
```

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

Here you see how a box with a 4 pixel #2D6821 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6821; -webkit-box-shadow:4px 4px  
4px 4px #2D6821; box-shadow:4px 4px 4px  
4px #2D6821 }
```

Background

The CSS property to change the background color of an element to Hex 2D6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6821 }
```

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

```
.background{ background-color:#2D6821 }
```

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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