

Converting Colors

Hex(2D6007)

Have a look what the booklet for
Hex(2D6007) contains.

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Color

Hex(2D6007)

Conversions

Conversions Part 1

Format	Color
Hex	2D6007
RGB	45, 96, 7
RGB Percent	18%, 38%, 3%
CMY	0.8235, 0.6235, 0.9725
CMYK	0.53, 0.00, 0.93, 0.62
HSL	94°, 86%, 20%
HSV	94°, 93%, 38%
XYZ	5.3034, 8.9390, 1.6469
YIQ	70.6050, -1.8270, -38.4910

Conversions

Conversions Part 2

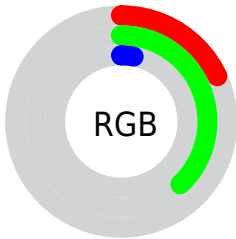
Format	Color
RYB	7, 96, 58
Decimal	2973703
CIELab	35.87, -32.50, 39.96
CIELCh	36, 51.511, 129.119
Yxy	8.9390, 0.3338, 0.5626
Android (android.graphics.Color)	4281163783 (0xFF2D6007)
YUV	70.6050, -31.3573, -22.4556
Hunter-Lab	29.8981, -20.6589, 17.6628

Details

The Hex color **2D6007** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3A0760**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **61933C**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **296000**, and if you desaturate by 10%, it is **336011**.

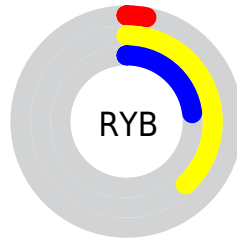
Distribution



Red (18%)

Green (38%)

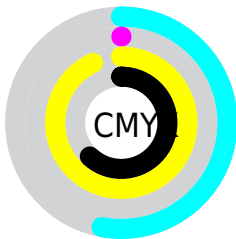
Blue (3%)



Red (3%)

Yellow (38%)

Blue (23%)

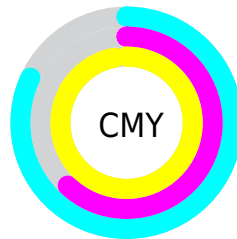


Cyan (53%)

Magenta (0%)

Yellow (93%)

Black (62%)



Cyan (82%)

Magenta (62%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6007 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 2D6007 by changing the saturation by 10% instead.

 2D6007

 2D6007

 FFFFF8

 124800

 61933C

 003100

 7BAE55

 001D00

 96C96F

 000000

 B2E689

 CEFFA4

 EBFFBF

 FFFFDC

 2D6007

 2D6007

■ 296000

■ 336011

■ 38601A

■ 3E6024

■ 43602D

■ 496037

■ 4E6041

■ 54604A

■ 596054

■ 5F605D

Harmonies

Analogous

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



5B5700



2D6007



006535

Triad

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



2D6007



0061A2



9D254A

Complementary

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



2D6007



3A0760

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.



8E2E73



2D6007



0055A7

Square

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



2D6007



006688



654395



953422

Rectangle

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



2D6007



006652



654395



9B2557

Sweetspot

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



2D6007



697D5A



603907



33402A



BFBFBF



404040

Same Dimension

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



2D6007



357D00



07600D



2E302C



307000



66F000

Inverse Universe

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



3A0760



48007D



60075A



2E2C30



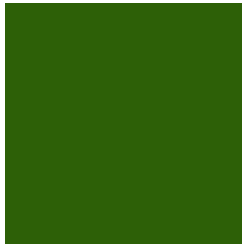
400070



8900F0

Previews

White Background



This preview shows how the Hex color 2D6007 looks on a white background.

Color Contrast Check

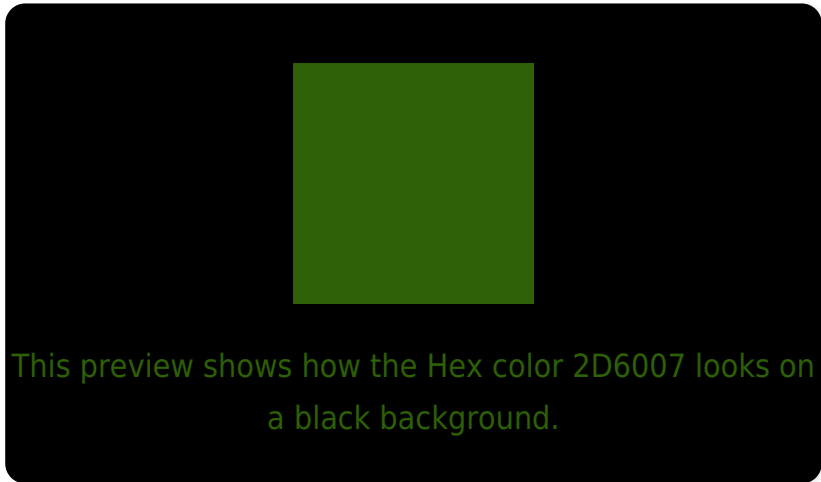
Large Text (above 18pt) WCAG AA ✓ Pass

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

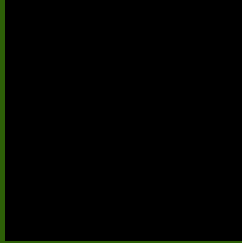
Any Text WCAG AA × Fail

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 2D6007 Background



This preview shows how black text looks on a background with the Hex color 2D6007.



This preview shows how white text looks on a background with the Hex color 2D6007.

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
2D6007

Protanopia
5F5400

Deuteranopia
6A5015



Tritanopia
3B5960

Trichromacy



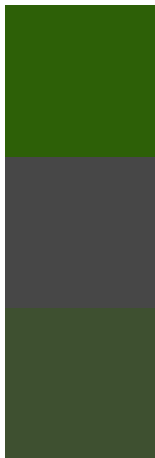
Original Color
2D6007

Protanomaly
4D5803

Deuteranomaly
545610

Tritanomaly
365C40

Monochromacy



Original Color
2D6007

Achromatopsia
474747

Achromatomaly
3E5030

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6007 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 #2D6007 looks like.

```
.text, #text, p{  
    color:#2D6007  
}
```

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 #2D6007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6007
}
```

Border

The CSS property to change the border of an element to Hex 2D6007 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".

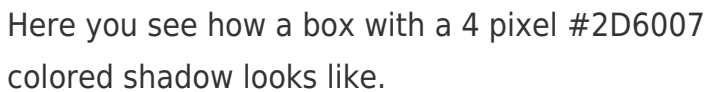
```
.border, #border, table{ border:4px solid
#2D6007 }
```

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

```
.border{ border-color:#2D6007 }
```

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

Here you see how a box with a 4 pixel #2D6007 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6007; -webkit-box-shadow:4px 4px  
4px 4px #2D6007; box-shadow:4px 4px 4px  
4px #2D6007 }
```

Background

The CSS property to change the background color of an element to Hex 2D6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6007 }
```

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

```
.background{ background-color:#2D6007 }
```

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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