

Converting Colors

Hex(2D5E29)

Have a look what the booklet for
Hex(2D5E29) contains.

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Color

Hex(2D5E29)

Conversions

Conversions Part 1

Format	Color
Hex	2D5E29
RGB	45, 94, 41
RGB Percent	18%, 37%, 16%
CMY	0.8235, 0.6314, 0.8392
CMYK	0.52, 0.00, 0.56, 0.63
HSL	115°, 39%, 26%
HSV	115°, 56%, 37%
XYZ	5.4851, 8.7234, 3.4925
YIQ	73.3070, -12.1910, -26.8710

Conversions

Conversions Part 2

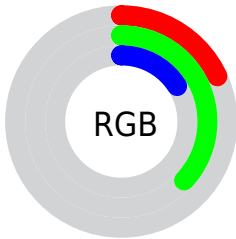
Format	Color
R _Y B	41, 94, 90
Decimal	2973225
CIE Lab	35.45, -28.53, 25.15
CIE LCh	35, 38.036, 138.599
Yxy	8.7234, 0.3099, 0.4928
Android (android.graphics.Color)	4281163305 (0xFF2D5E29)
YUV	73.3070, -15.9274, -24.8252
Hunter-Lab	29.5354, -18.5370, 13.6638

Details

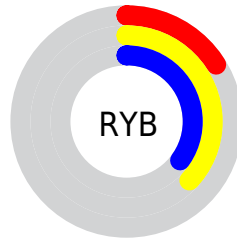
The Hex color **2D5E29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5A295E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5F9158**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **245E20**, and if you desaturate by 10%, it is **365E32**.

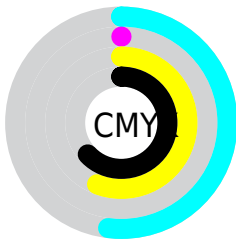
Distribution



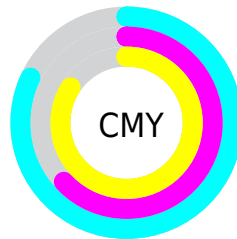
- Red (18%)
- Green (37%)
- Blue (16%)



- Red (16%)
- Yellow (37%)
- Blue (35%)



- Cyan (52%)
- Magenta (0%)
- Yellow (56%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5E29 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 2D5E29 by changing the saturation by 10% instead.

■ 2D5E29

■ 2D5E29

FFFFFF

■ 134613

■ 5F9158

■ 002F00

■ 79AC71

■ 001C00

■ 93C78A

■ 000000

■ AFE3A5

■ CAFFC0

■ E7FFDC

■ FFFFF9

■ 2D5E29

■ 2D5E29

■ 245E20

■ 365E32

■ 1C5E16

■ 3E5E3C

■ 135E0D

■ 475E45

■ 0A5E03

■ 505E4F

■ 075E00

■ 585E58

■ 615E61

■ 6A5E6B

■ 735E74

■ 7B5E7E

Harmonies

Analogous

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



515814



2D5E29



006146

Triad

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



2D5E29



005A8F



8B3842

Complementary

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



2D5E29



5A295E

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.



853960



2D5E29



3F508D

Square

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



2D5E29



006080



6D437C



824227

Rectangle

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



2D5E29



00625C



6D437C



8B374C

Sweetspot

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



2D5E29



677A66



5E5A29



323D31



BDBDBD



3D3D3D

Same Dimension

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



2D5E29



2D7A27



295E3F



2A2E29



086E00



12ED00

Inverse Universe

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



5A295E



74277A



5E2948



2E292E



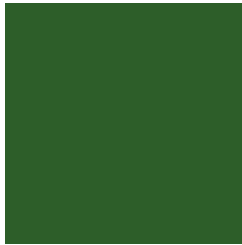
65006E



DB00ED

Previews

White Background



This preview shows how the Hex color 2D5E29 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

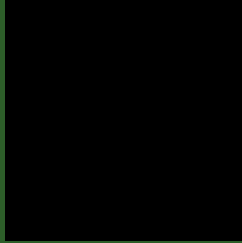
Any Text WCAG AA × Fail

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 2D5E29 Background



This preview shows how black text looks on a background with the Hex color 2D5E29.



This preview shows how white text looks on a background with the Hex color 2D5E29.

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
2D5E29

Protanopia
5C5326

Deuteranopia
664F2D



Tritanopia
38585F

Trichromacy



Original Color
2D5E29

Protanomaly
4B5727

Deuteranomaly
51542C

Tritanomaly
345A4B

Monochromacy



Original Color
2D5E29

Achromatopsia
494949

Achromatomaly
3F513D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5E29 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 #2D5E29 looks like.

```
.text, #text, p{  
    color:#2D5E29  
}
```

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 #2D5E29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5E29
}
```

Border

The CSS property to change the border of an element to Hex 2D5E29 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
#2D5E29 }
```

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

```
.border{ border-color:#2D5E29 }
```

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

Here you see how a box with a 4 pixel #2D5E29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5E29; -webkit-box-shadow:4px 4px  
4px 4px #2D5E29; box-shadow:4px 4px 4px  
4px #2D5E29 }
```

Background

The CSS property to change the background color of an element to Hex 2D5E29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5E29 }
```

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

```
.background{ background-color:#2D5E29 }
```

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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