

Converting Colors

Hex(2D5131)

Have a look what the booklet for
Hex(2D5131) contains.

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Color

Hex(2D5131)

Conversions

Conversions Part 1

Format	Color
Hex	2D5131
RGB	45, 81, 49
RGB Percent	18%, 32%, 19%
CMY	0.8235, 0.6824, 0.8078
CMYK	0.44, 0.00, 0.40, 0.68
HSL	127°, 29%, 25%
HSV	127°, 44%, 32%
XYZ	4.5790, 6.6645, 3.9508
YIQ	66.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

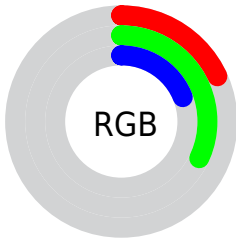
Format	Color
RYB	45, 77, 81
Decimal	2969905
CIELab	31.03, -20.78, 14.88
CIElCh	31, 25.559, 144.409
Yxy	6.6645, 0.3014, 0.4386
Android (android.graphics.Color)	4281159985 (0xFF2D5131)
YUV	66.5880, -8.6709, -18.9327
Hunter-Lab	25.8157, -13.5165, 8.9974

Details

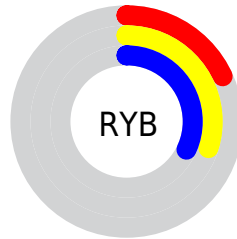
The Hex color **2D5131** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **512D4D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5D835F**, and **012403** is the 20% darker color. If you saturate the color by 10%, you get **25512A**, and if you desaturate by 10%, it is **355138**.

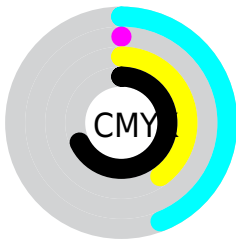
Distribution



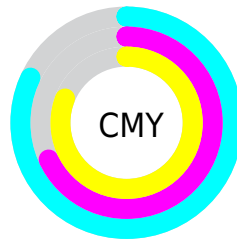
- Red (18%)
- Green (32%)
- Blue (19%)



- Red (18%)
- Yellow (30%)
- Blue (32%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (68%)



- Cyan (82%)
- Magenta (68%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2D5131 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 2D5131 by changing the saturation by 10% instead.

 2D5131

 2D5131

FFFFFF

 163A1C

 5D835F

 012403

 769D78

 000700

 90B892

 000000

 ABD4AD

 C7F0C8

 E3FFE4

 2D5131

 2D5131

 25512A

 355138

■ 1D5123

■ 3D513F

■ 15511B

■ 455147

■ 0D5114

■ 4D514E

■ 05510D

■ 565155

■ 005109

■ 5E515C

■ 665163

■ 6E516B

■ 765172

Harmonies

Analogous

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



454D23



2D5131



065344

Triad

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



2D5131



1E4C71



6F3A3A

Complementary

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



2D5131



512D4D

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.



6C394E



2D5131



45456D

Square

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



2D5131



005169



5E3E61



673F29

Rectangle

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



2D5131



005352



5E3E61



6F3940

Sweetspot

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



2D5131



5B695C



4D512D



2D362E



B5B5B5



363636

Same Dimension

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



2D5131



316937



2D5143



252925



00690C



00E81A

Inverse Universe

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



512D4D



693162



512D3B



292528



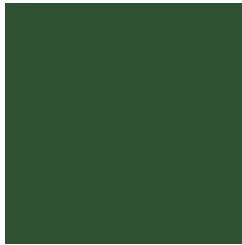
69005D



E800CE

Previews

White Background



This preview shows how the Hex color 2D5131 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

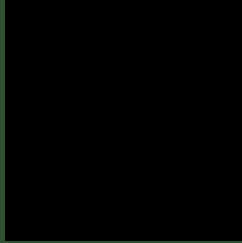
Any Text WCAG AA × Fail

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 2D5131 Background



This preview shows how black text looks on a background with the Hex color 2D5131.



This preview shows how white text looks on a background with the Hex color 2D5131.

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
2D5131

Protanopia
4F492E

Deuteranopia
574634



Tritanopia
344D53

Trichromacy



Original Color
2D5131

Protanomaly
434C2F

Deuteranomaly
484A33

Tritanomaly
314E47

Monochromacy



Original Color
2D5131

Achromatopsia
434343

Achromatomaly
3B483C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5131 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 #2D5131 looks like.

```
.text, #text, p{  
    color:#2D5131  
}
```

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 #2D5131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5131
}
```

Border

The CSS property to change the border of an element to Hex 2D5131 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
#2D5131 }
```

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

```
.border{ border-color:#2D5131 }
```

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

Here you see how a box with a 4 pixel #2D5131 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5131; -webkit-box-shadow:4px 4px  
4px 4px #2D5131; box-shadow:4px 4px 4px  
4px #2D5131 }
```

Background

The CSS property to change the background color of an element to Hex 2D5131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5131 }
```

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

```
.background{ background-color:#2D5131 }
```

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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