

Converting Colors

Hex(2D5530)

Have a look what the booklet for
Hex(2D5530) contains.

Hex(2D5530)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D5530)

Conversions

Conversions Part 1

Format	Color
Hex	2D5530
RGB	45, 85, 48
RGB Percent	18%, 33%, 19%
CMY	0.8235, 0.6667, 0.8118
CMYK	0.47, 0.00, 0.44, 0.67
HSL	124°, 31%, 25%
HSV	124°, 47%, 33%
XYZ	4.8642, 7.2683, 3.9429
YIQ	68.8220, -11.9630, -19.9870

Conversions

Conversions Part 2

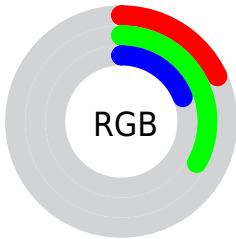
Format	Color
RYB	45, 82, 85
Decimal	2970928
CIELab	32.41, -23.03, 17.30
CIELCh	32, 28.802, 143.088
Yxy	7.2683, 0.3026, 0.4521
Android (android.graphics.Color)	4281161008 (0xFF2D5530)
YUV	68.8220, -10.2652, -20.8919
Hunter-Lab	26.9598, -14.9739, 10.2007

Details

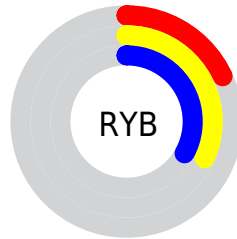
The Hex color **2D5530** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552D52**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **5D875F**, and **002701** is the 20% darker color. If you saturate the color by 10%, you get **255528**, and if you desaturate by 10%, it is **355538**.

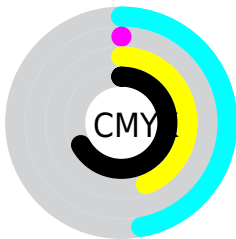
Distribution



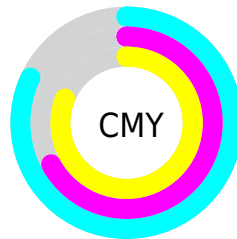
- Red (18%)
- Green (33%)
- Blue (19%)



- Red (18%)
- Yellow (32%)
- Blue (33%)



- Cyan (47%)
- Magenta (0%)
- Yellow (44%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2D5530 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 2D5530 by changing the saturation by 10% instead.

 2D5530

 2D5530

FFFFFF

 153E1B

 5D875F

 002701

 77A177

 001000

 91BD91

 000000

 ACD8AC

 C8F5C7

 E4FFE3

 2D5530

 2D5530

 255528

 355538

■ 1C5520

■ 3E5540

■ 135518

■ 465548

■ 0B5511

■ 4F554F

■ 035509

■ 575557

■ 005506

■ 60555F

■ 685567

■ 71556F

■ 795577

Harmonies

Analogous

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



485021



2D5530



005746

Triad

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



2D5530



115079



773A3C

Complementary

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



2D5530



552D52

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.



733A52



2D5530



454876

Square

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



2D5530



005570



634068



6F4129

Rectangle

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



2D5530



005856



634068



773943

Sweetspot

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



2D5530



5E6E5F



52552D



2F382F



B8B8B8



383838

Same Dimension

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



2D5530



306E35



2D5544



272B27



006B08



00EB12

Inverse Universe

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



552D52



6E3069



552D3E



2B272B



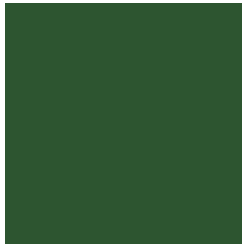
6B0063



EB00D9

Previews

White Background



This preview shows how the Hex color 2D5530 looks on a white background.

Color Contrast Check

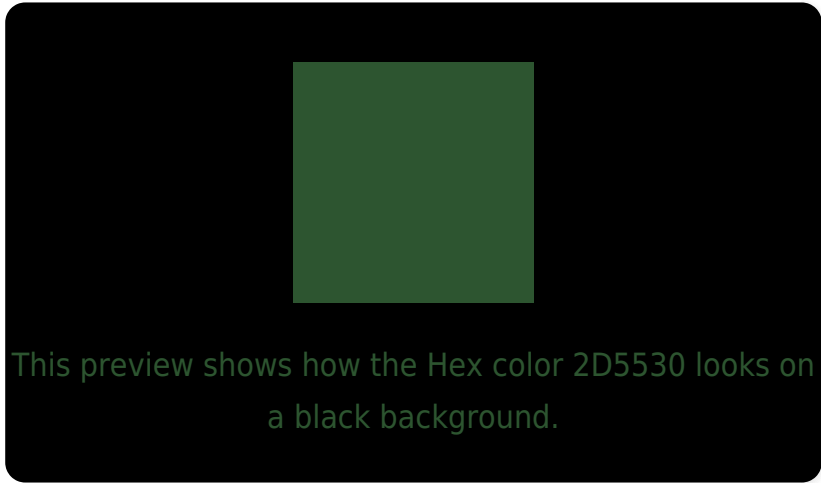
Large Text (above 18pt) WCAG AA ✓ Pass

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

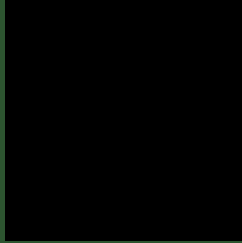
Any Text WCAG AA × Fail

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 2D5530 Background



This preview shows how black text looks on a background with the Hex color 2D5530.



This preview shows how white text looks on a background with the Hex color 2D5530.

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
2D5530

Protanopia
534C2D

Deuteranopia
5B4933



Tritanopia
355057

Trichromacy



Original Color
2D5530

Protanomaly
454F2E

Deuteranomaly
4A4D32

Tritanomaly
325249

Monochromacy



Original Color
2D5530

Achromatopsia
454545

Achromatomaly
3C4B3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5530 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 #2D5530 looks like.

```
.text, #text, p{  
    color:#2D5530  
}
```

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 #2D5530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5530
}
```

Border

The CSS property to change the border of an element to Hex 2D5530 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
#2D5530 }
```

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

```
.border{ border-color:#2D5530 }
```

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

Here you see how a box with a 4 pixel #2D5530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5530; -webkit-box-shadow:4px 4px  
4px 4px #2D5530; box-shadow:4px 4px 4px  
4px #2D5530 }
```

Background

The CSS property to change the background color of an element to Hex 2D5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5530 }
```

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

```
.background{ background-color:#2D5530 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor