

Converting Colors

Hex(2B5D21)

Have a look what the booklet for
Hex(2B5D21) contains.

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Color

Hex(2B5D21)

Conversions

Conversions Part 1

Format	Color
Hex	2B5D21
RGB	43, 93, 33
RGB Percent	17%, 36%, 13%
CMY	0.8314, 0.6353, 0.8706
CMYK	0.54, 0.00, 0.65, 0.64
HSL	110°, 48%, 25%
HSV	110°, 65%, 36%
XYZ	5.1851, 8.4521, 2.7970
YIQ	71.2100, -10.5400, -29.2600

Conversions

Conversions Part 2

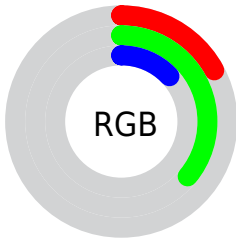
Format	Color
RYB	33, 93, 83
Decimal	2841889
CIELab	34.91, -29.80, 28.76
CIElCh	35, 41.411, 136.015
Yxy	8.4521, 0.3155, 0.5143
Android (android.graphics.Color)	4281031969 (0xFF2B5D21)
YUV	71.2100, -18.8375, -24.7402
Hunter-Lab	29.0725, -19.0411, 14.6466

Details

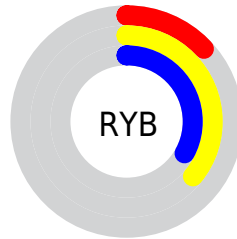
The Hex color **2B5D21** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **53215D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5D9050**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **235D18**, and if you desaturate by 10%, it is **335D2A**.

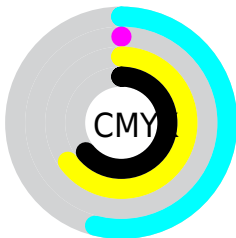
Distribution



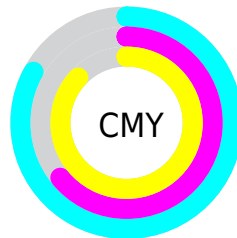
- Red (17%)
- Green (36%)
- Blue (13%)



- Red (13%)
- Yellow (36%)
- Blue (33%)



- Cyan (54%)
- Magenta (0%)
- Yellow (65%)
- Black (64%)



- Cyan (83%)
- Magenta (64%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5D21 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 2B5D21 by changing the saturation by 10% instead.

 2B5D21

 2B5D21

FFFFFF

 104509

 5D9050

 002E00

 77AB69

 001A00

 92C682

 000000

 ADE29C

 C9FFB8

 E6FFD3

 FFFFF0

 2B5D21

 2B5D21

■ 235D18

■ 335D2A

■ 1B5D0E

■ 3A5D34

■ 145D05

■ 425D3D

■ 0F5D00

■ 4A5D46

■ 525D50

■ 5A5D59

■ 615D62

■ 695D6B

■ 715D75

Harmonies

Analogous

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



525608



2B5D21



006141

Triad

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



2B5D21



005A92



8E3342

Complementary

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



2B5D21



53215D

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.



863463



2B5D21



325092

Square

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



2B5D21



006081



6A4180



853D24

Rectangle

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



2B5D21



006258



6A4180



8D324D

Sweetspot

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



2B5D21



657861



5D5321



313D2F



BDBDBD



3D3D3D

Same Dimension

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



2B5D21



2B781C



215D35



2A2E29



126E00



28ED00

Inverse Universe

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



53215D



681C78



5D2149



2D292E



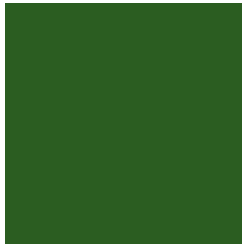
5B006E



C600ED

Previews

White Background



This preview shows how the Hex color 2B5D21 looks on a white background.

Color Contrast Check

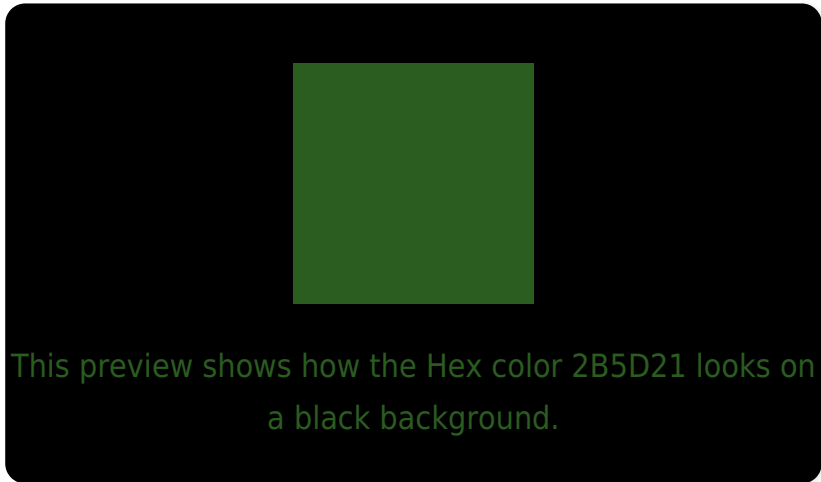
Large Text (above 18pt) WCAG AA ✓ Pass

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

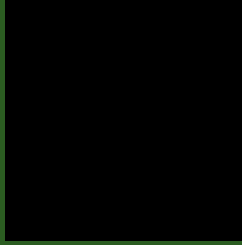
Any Text WCAG AA × Fail

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 2B5D21 Background



This preview shows how black text looks on a background with the Hex color 2B5D21.



This preview shows how white text looks on a background with the Hex color 2B5D21.

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
2B5D21

Protanopia
5B521E

Deuteranopia
654E26

Trichromacy



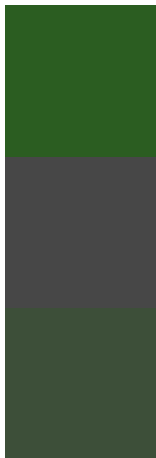
Original Color
2B5D21

Protanomaly
4A561F

Deuteranomaly
505324

Tritanomaly
335948

Monochromacy



Original Color
2B5D21

Achromatopsia
474747

Achromatomaly
3D4F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5D21 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 #2B5D21 looks like.

```
.text, #text, p{  
    color:#2B5D21  
}
```

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 #2B5D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5D21
}
```

Border

The CSS property to change the border of an element to Hex 2B5D21 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".

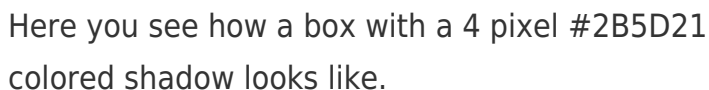
```
.border, #border, table{ border:4px solid
#2B5D21 }
```

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

```
.border{ border-color:#2B5D21 }
```

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

Here you see how a box with a 4 pixel #2B5D21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5D21; -webkit-box-shadow:4px 4px  
4px 4px #2B5D21; box-shadow:4px 4px 4px  
4px #2B5D21 }
```

Background

The CSS property to change the background color of an element to Hex 2B5D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5D21 }
```

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

```
.background{ background-color:#2B5D21 }
```

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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