

Converting Colors

Hex(2B5B05)

Have a look what the booklet for
Hex(2B5B05) contains.

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Color

Hex(2B5B05)

Conversions

Conversions Part 1

Format	Color
Hex	2B5B05
RGB	43, 91, 5
RGB Percent	17%, 36%, 2%
CMY	0.8314, 0.6431, 0.9804
CMYK	0.53, 0.00, 0.95, 0.64
HSL	93°, 90%, 19%
HSV	93°, 95%, 36%
XYZ	4.7647, 8.0067, 1.4379
YIQ	66.8440, -1.0020, -36.9220

Conversions

Conversions Part 2

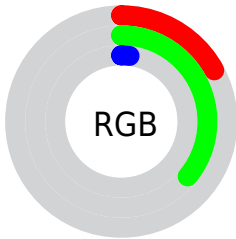
Format	Color
RYB	5, 91, 53
Decimal	2841349
CIELab	34.00, -31.14, 38.93
CIElCh	34, 49.852, 128.660
Yxy	8.0067, 0.3353, 0.5635
Android (android.graphics.Color)	4281031429 (0xFF2B5B05)
YUV	66.8440, -30.4891, -20.9112
Hunter-Lab	28.2961, -19.4610, 16.7944

Details

The Hex color **2B5B05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **35055B**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5F8E3A**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **285B00**, and if you desaturate by 10%, it is **305B0E**.

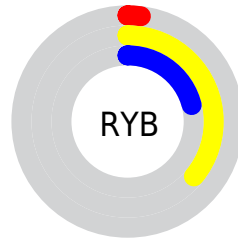
Distribution



Red (17%)

Green (36%)

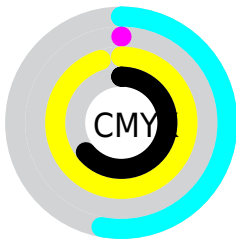
Blue (2%)



Red (2%)

Yellow (36%)

Blue (21%)

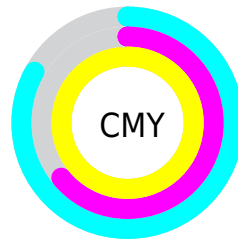


Cyan (53%)

Magenta (0%)

Yellow (95%)

Black (64%)



Cyan (83%)

Magenta (64%)

Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B5B05 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 2B5B05 by changing the saturation by 10% instead.

 2B5B05

 2B5B05

 FFFFF5

 114300

 5F8E3A

 002C00

 79A853

 001700

 94C46C

 000000

 AFE086

 CBFDA1

 E8FFBC

 FFFFD8

 2B5B05

 2B5B05

■ 285B00

■ 305B0E

■ 355B17

■ 3A5B20

■ 3F5B29

■ 445B33

■ 495B3C

■ 4F5B45

■ 545B4E

■ 595B57

Harmonies

Analogous

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



575200



2B5B05



006031

Triad

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



2B5B05



005C9A



952246

Complementary

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



2B5B05



35055B

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.



872B6E



2B5B05



00519F

Square

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



2B5B05



006181



5F408E



8E3020

Rectangle

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



2B5B05



00614D



5F408E



932253

Sweetspot

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



2B5B05



637554



5B3405



303B27



BABABA



3B3B3B

Same Dimension

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



2B5B05



347500



055B09



2B2E29



306E00



69ED00

Inverse Universe

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



35055B



410075



5B0557



2C292E



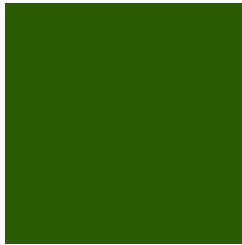
3D006E



8400ED

Previews

White Background



This preview shows how the Hex color 2B5B05 looks on a white background.

Color Contrast Check

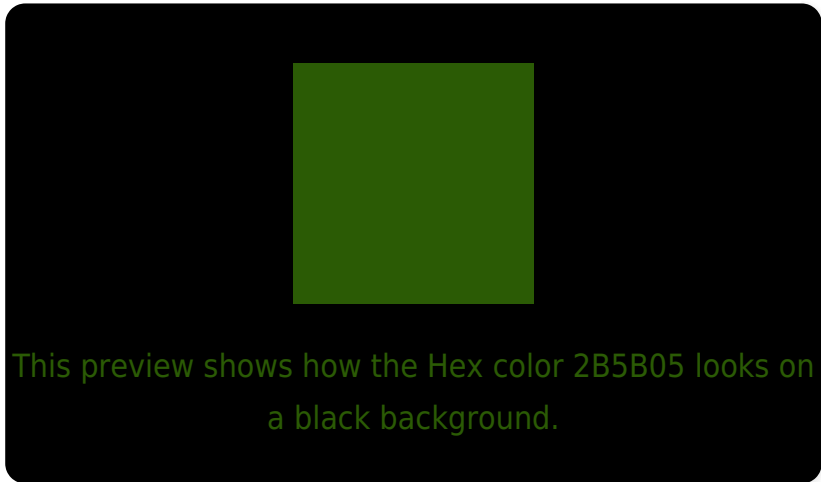
Large Text (above 18pt) WCAG AA ✓ Pass

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

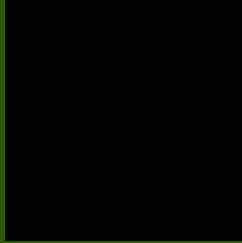
Any Text WCAG AA × Fail

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 2B5B05 Background



This preview shows how black text looks on a background with the Hex color 2B5B05.



This preview shows how white text looks on a background with the Hex color 2B5B05.

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
2B5B05

Protanopia
5A5000

Deuteranopia
644C13



Tritanopia
38555B

Trichromacy



Original Color
2B5B05

Protanomaly
495402

Deuteranomaly
4F510E

Tritanomaly
33573C

Monochromacy



Original Color
2B5B05

Achromatopsia
434343

Achromatomaly
3A4C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5B05 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 #2B5B05 looks like.

```
.text, #text, p{  
    color:#2B5B05  
}
```

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 #2B5B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5B05
}
```

Border

The CSS property to change the border of an element to Hex 2B5B05 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
#2B5B05 }
```

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

```
.border{ border-color:#2B5B05 }
```

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

Here you see how a box with a 4 pixel #2B5B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5B05; -webkit-box-shadow:4px 4px  
4px 4px #2B5B05; box-shadow:4px 4px 4px  
4px #2B5B05 }
```

Background

The CSS property to change the background color of an element to Hex 2B5B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5B05 }
```

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

```
.background{ background-color:#2B5B05 }
```

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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