

Converting Colors

Hex(2E5A18)

Have a look what the booklet for
Hex(2E5A18) contains.

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Color

Hex(2E5A18)

Conversions

Conversions Part 1

Format	Color
Hex	2E5A18
RGB	46, 90, 24
RGB Percent	18%, 35%, 9%
CMY	0.8196, 0.6471, 0.9059
CMYK	0.49, 0.00, 0.73, 0.65
HSL	100°, 58%, 22%
HSV	100°, 73%, 35%
XYZ	4.9477, 7.9591, 2.1396
YIQ	69.3200, -5.0380, -29.8540

Conversions

Conversions Part 2

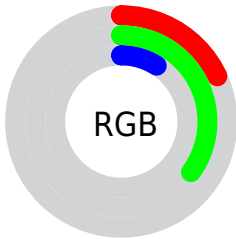
Format	Color
R_{YB}	24, 90, 68
Decimal	3037720
CIE _{Lab}	33.90, -28.38, 32.06
CIE _{LCh}	34, 42.819, 131.520
Yxy	7.9591, 0.3288, 0.5290
Android (android.graphics.Color)	4281227800 (0xFF2E5A18)
YUV	69.3200, -22.3428, -20.4516
Hunter-Lab	28.2119, -18.0659, 15.2517

Details

The Hex color **2E5A18** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **44185A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **608D47**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **285A0F**, and if you desaturate by 10%, it is **345A21**.

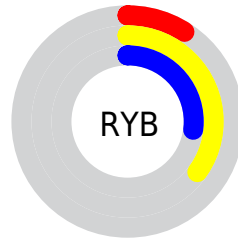
Distribution



Red (18%)

Green (35%)

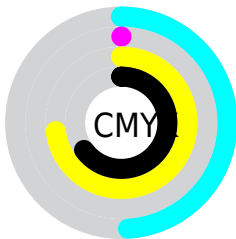
Blue (9%)



Red (9%)

Yellow (35%)

Blue (27%)

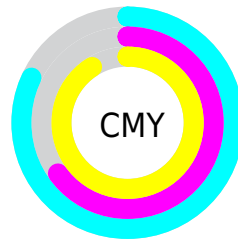


Cyan (49%)

Magenta (0%)

Yellow (73%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5A18 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 2E5A18 by changing the saturation by 10% instead.

■ 2E5A18

■ 2E5A18

FFFFFF

■ 144200

■ 608D47

■ 002B00

■ 7AA760

■ 001600

■ 95C279

■ 000000

■ B0DF93

■ CCFBAE

■ E9FFCA

■ FFFFE6

■ 2E5A18

■ 2E5A18

■ 285A0F

■ 345A21

■ 225A06

■ 3A5A2A

■ 1E5A00

■ 405A33

■ 465A3C

■ 4C5A45

■ 525A4E

■ 585A57

■ 5E5A60

■ 645A69

Harmonies

Analogous

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



545200



2E5A18



005E39

Triad

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



2E5A18



005990



8D2E44

Complementary

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



2E5A18



44185A

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.



823266



2E5A18



1B4F93

Square

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



2E5A18



005E7C



624183



863824

Rectangle

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



2E5A18



005F50



624183



8B2D4F

Sweetspot

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



2E5A18



64755B



5A4418



303B2B



BABABA



3B3B3B

Same Dimension

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



2E5A18



30750E



185A23



2B2E29



256E00



4FED00

Inverse Universe

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



44185A



530E75



5A184F



2C292E



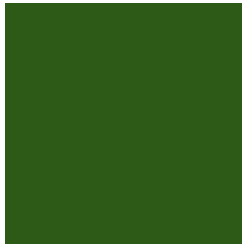
49006E



9E00ED

Previews

White Background



This preview shows how the Hex color 2E5A18 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

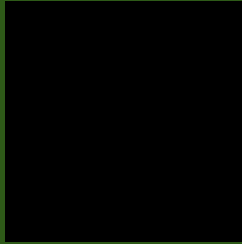
Any Text WCAG AA × Fail

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 2E5A18 Background



This preview shows how black text looks on a background with the Hex color 2E5A18.



This preview shows how white text looks on a background with the Hex color 2E5A18.

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
2E5A18

Protanopia
595015

Deuteranopia
634C1E



Tritanopia
39545B

Trichromacy



Original Color
2E5A18

Protanomaly
495416

Deuteranomaly
50511C

Tritanomaly
355643

Monochromacy



Original Color
2E5A18

Achromatopsia
454545

Achromatomaly
3D4D35

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5A18 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 #2E5A18 looks like.

```
.text, #text, p{  
  color:#2E5A18  
}
```

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 #2E5A18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5A18  
}
```

Border

The CSS property to change the border of an element to Hex 2E5A18 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  
#2E5A18 }
```

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

```
.border{ border-color:#2E5A18 }
```

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

Here you see how a box with a 4 pixel #2E5A18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5A18; -webkit-box-shadow:4px 4px  
4px 4px #2E5A18; box-shadow:4px 4px 4px  
4px #2E5A18 }
```

Background

The CSS property to change the background color of an element to Hex 2E5A18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5A18 }
```

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

```
.background{ background-color:#2E5A18 }
```

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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