

Converting Colors

Hex(255E28)

Have a look what the booklet for
Hex(255E28) contains.

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Color

Hex(255E28)

Conversions

Conversions Part 1

Format	Color
Hex	255E28
RGB	37, 94, 40
RGB Percent	15%, 37%, 16%
CMY	0.8549, 0.6314, 0.8431
CMYK	0.61, 0.00, 0.57, 0.63
HSL	123°, 44%, 26%
HSV	123°, 61%, 37%
XYZ	5.1487, 8.5519, 3.3868
YIQ	70.8010, -16.6380, -28.8780

Conversions

Conversions Part 2

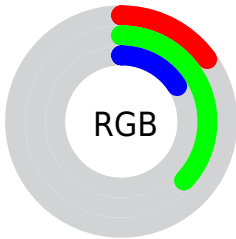
Format	Color
R_{YB}	37, 91, 94
Decimal	2448936
CIE Lab	35.11, -31.10, 25.22
CIE LCh	35, 40.041, 140.966
Yxy	8.5519, 0.3013, 0.5005
Android (android.graphics.Color)	4280639016 (0xFF255E28)
YUV	70.8010, -15.1849, -29.6435
Hunter-Lab	29.2437, -19.7496, 13.6040

Details

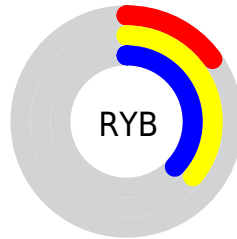
The Hex color **255E28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5E255B**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **589157**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **1C5E1F**, and if you desaturate by 10%, it is **2E5E31**.

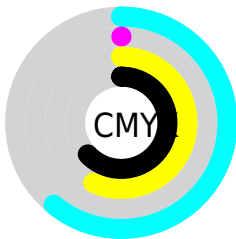
Distribution



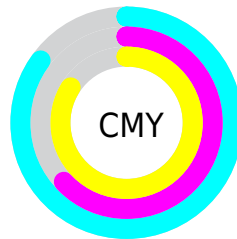
- Red (15%)
- Green (37%)
- Blue (16%)



- Red (15%)
- Yellow (36%)
- Blue (37%)



- Cyan (61%)
- Magenta (0%)
- Yellow (57%)
- Black (63%)



- Cyan (85%)
- Magenta (63%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255E28 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 255E28 by changing the saturation by 10% instead.



255E28



255E28

FFFFFF



064612



589157



002F00



72AC70



001A00



8DC789



000000



A8E4A4



C4FFBF



E0FFDB



FDFFF8



255E28



255E28

■ 1C5E1F

■ 2E5E31

■ 125E16

■ 385E3A

■ 095E0D

■ 415E43

■ 005E05

■ 4B5E4C

■ 545E55

■ 5D5E5D

■ 675E66

■ 705E6F

■ 7A5E78

Harmonies

Analogous

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



4D5810



255E28



006147

Triad

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



255E28



005992



8C363E

Complementary

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



255E28



5E255B

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.



87355E



255E28



414E8E

Square

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



255E28



005F84



70407B



814121

Rectangle

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



255E28



00625E



70407B



8C3448

Sweetspot

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



255E28



647A66



5B5E25



303D30



BDBDBD



3D3D3D

Same Dimension

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



255E28



217A26



255E44



292E2A



006E06



00ED0C

Inverse Universe

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



5E255B



7A2176



5E253F



2E292E



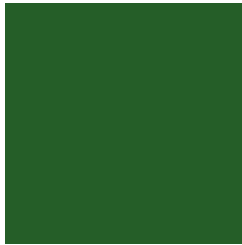
6E0068



ED00E1

Previews

White Background



This preview shows how the Hex color 255E28 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

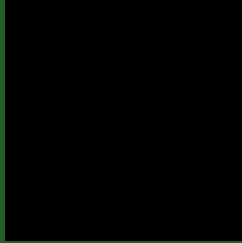
Any Text WCAG AA × Fail

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 255E28 Background



This preview shows how black text looks on a background with the Hex color 255E28.



This preview shows how white text looks on a background with the Hex color 255E28.

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
255E28

Protanopia
5B5224

Deuteranopia
654E2C



Tritanopia
33585F

Trichromacy



Original Color
255E28

Protanomaly
475625

Deuteranomaly
4E542B

Tritanomaly
2E5A4B

Monochromacy



Original Color
255E28

Achromatopsia
474747

Achromatomaly
3B4F3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 255E28 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 #255E28 looks like.

```
.text, #text, p{  
    color:#255E28  
}
```

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 #255E28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255E28
}
```

Border

The CSS property to change the border of an element to Hex 255E28 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".

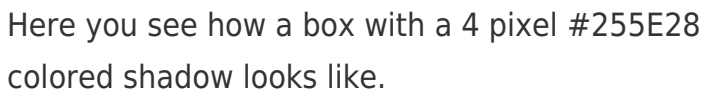
```
.border, #border, table{ border:4px solid
#255E28 }
```

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

```
.border{ border-color:#255E28 }
```

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

Here you see how a box with a 4 pixel #255E28 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255E28; -webkit-box-shadow:4px 4px  
4px 4px #255E28; box-shadow:4px 4px 4px  
4px #255E28 }
```

Background

The CSS property to change the background color of an element to Hex 255E28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255E28 }
```

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

```
.background{ background-color:#255E28 }
```

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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