

# Converting Colors

Hex(255D28)

Have a look what the booklet for  
Hex(255D28) contains.

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# Color

**Hex(255D28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	255D28
RGB	37, 93, 40
RGB Percent	15%, 36%, 16%
CMY	0.8549, 0.6353, 0.8431
CMYK	0.60, 0.00, 0.57, 0.64
HSL	123°, 43%, 25%
HSV	123°, 60%, 36%
XYZ	5.0603, 8.3752, 3.3574
YIQ	70.2140, -16.3630, -28.3550

# Conversions

## Conversions Part 2

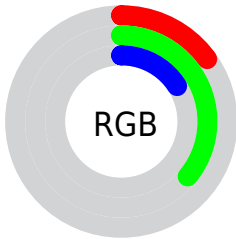
Format	Color
<a href="#">RYB</a>	<a href="#">37, 90, 93</a>
Decimal	<a href="#">2448680</a>
CIELab	<a href="#">34.75, -30.66, 24.79</a>
CIElCh	<a href="#">35, 39.430, 141.047</a>
Yxy	<a href="#">8.3752, 0.3013, 0.4987</a>
Android (android.graphics.Color)	<a href="#">4280638760 (0xFF255D28)</a>
YUV	<a href="#">70.2140, -14.8955, -29.1287</a>
Hunter-Lab	<a href="#">28.9400, -19.4333, 13.3797</a>

# Details

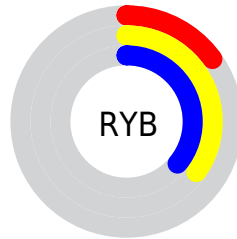
The Hex color **255D28** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D255A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **589057**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **1C5D1F**, and if you desaturate by 10%, it is **2E5D31**.

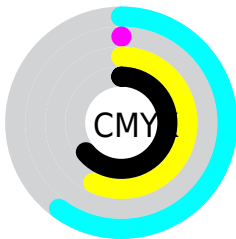
# Distribution



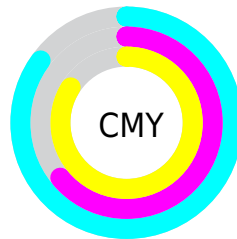
- Red (15%)
- Green (36%)
- Blue (16%)



- Red (15%)
- Yellow (35%)
- Blue (36%)



- Cyan (60%)
- Magenta (0%)
- Yellow (57%)
- Black (64%)



- Cyan (85%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 255D28 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 255D28 by changing the saturation by 10% instead.



 255D28

 255D28

FFFFFF

 074512

 589057

 002E00

 72AB6F

 001900

 8CC689

 000000

 A7E2A4

 C3FFBF

 E0FFDB

 F0FFF7

 255D28

 255D28

■ 1C5D1F

■ 2E5D31

■ 125D16

■ 385D3A

■ 095D0E

■ 415D42

■ 005D05

■ 4A5D4B

■ 545D54

■ 5D5D5D

■ 665D66

■ 6F5D6E

■ 795D77

# Harmonies

## Analogous

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



4D5710



255D28



006047

# Triad

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



255D28



005890



8A363D

# Complementary

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



255D28



5D255A

# 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.



86355D



255D28



414D8D

# Square

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



255D28



005E82



6F407A



804021

# Rectangle

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



255D28



00615D



6F407A



8B3447



# Sweetspot

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



255D28



627863



5A5D25



303D30



BDBDBD



3D3D3D



# Same Dimension

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



255D28



227826



255D44



292E2A



006E06



00ED0D



# Inverse Universe

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



5D255A



782273



5D253E



2E292E



6E0068

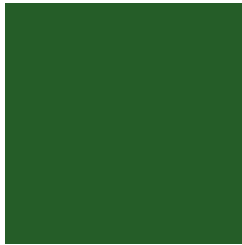


ED00E0



# Previews

## White Background



This preview shows how the Hex color 255D28 looks on a white background.

## Color Contrast Check

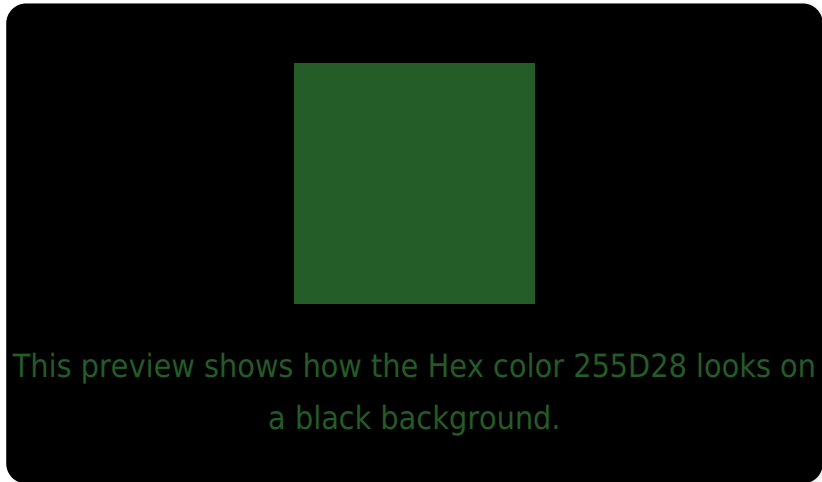
Large Text (above 18pt) WCAG AA ✓ Pass

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

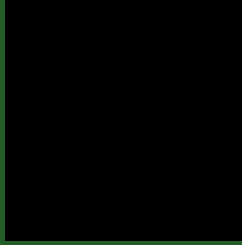
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 255D28 Background



This preview shows how black text looks on a background with the Hex color 255D28.



This preview shows how white text looks on a background with the Hex color 255D28.

# 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**  
255D28

**Protanopia**  
5A5224

**Deuteranopia**  
644E2C



# Trichromacy



**Original Color**  
255D28

**Protanomaly**  
475625

**Deuteranomaly**  
4D532B

**Tritanomaly**  
2D594A

# Monochromacy



**Original Color**  
255D28

**Achromatopsia**  
464646

**Achromatomaly**  
3A4E3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 255D28 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 #255D28 looks like.

```
.text, #text, p{  
    color:#255D28  
}
```

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 #255D28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255D28
}
```

## Border

The CSS property to change the border of an element to Hex 255D28 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".

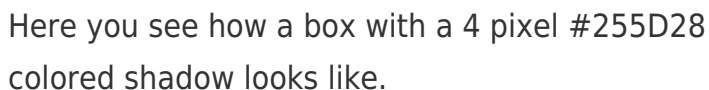
```
.border, #border, table{ border:4px solid
#255D28 }
```

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

```
.border{ border-color:#255D28 }
```

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

Here you see how a box with a 4 pixel #255D28 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255D28; -webkit-box-shadow:4px 4px  
4px 4px #255D28; box-shadow:4px 4px 4px  
4px #255D28 }
```

# Background

The CSS property to change the background color of an element to Hex 255D28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255D28 }
```

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

```
.background{ background-color:#255D28 }
```

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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