

Converting Colors

Hex(295E21)

Have a look what the booklet for
Hex(295E21) contains.

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Color

Hex(295E21)

Conversions

Conversions Part 1

Format	Color
Hex	295E21
RGB	41, 94, 33
RGB Percent	16%, 37%, 13%
CMY	0.8392, 0.6314, 0.8706
CMYK	0.56, 0.00, 0.65, 0.63
HSL	112°, 48%, 25%
HSV	112°, 65%, 37%
XYZ	5.1917, 8.5866, 2.8226
YIQ	71.1990, -12.0070, -30.2070

Conversions

Conversions Part 2

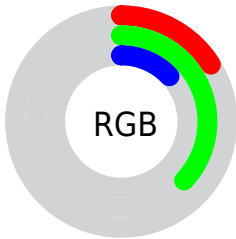
Format	Color
R_{YB}	33, 94, 86
Decimal	2711073
CIE _{Lab}	35.18, -30.87, 29.04
CIE _{LCh}	35, 42.388, 136.751
Yxy	8.5866, 0.3127, 0.5172
Android (android.graphics.Color)	4280901153 (0xFF295E21)
YUV	71.1990, -18.8321, -26.4845
Hunter-Lab	29.3030, -19.6549, 14.8010

Details

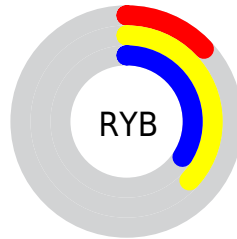
The Hex color **295E21** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **56215E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5C9150**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **215E18**, and if you desaturate by 10%, it is **315E2A**.

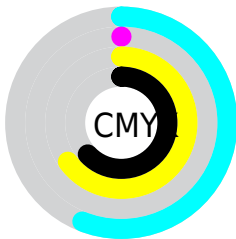
Distribution



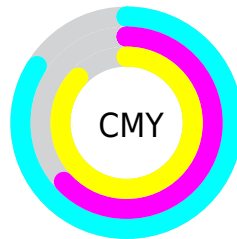
- Red (16%)
- Green (37%)
- Blue (13%)



- Red (13%)
- Yellow (37%)
- Blue (34%)



- Cyan (56%)
- Magenta (0%)
- Yellow (65%)
- Black (63%)



- Cyan (84%)
- Magenta (63%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295E21 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 295E21 by changing the saturation by 10% instead.



295E21



295E21

FFFFFF



0D4609



5C9150



002F00



76AC69



001B00



90C782



000000



ACE39D



C8FFB8



E4FFD4



FFFFF0



295E21



295E21

■ 215E18

■ 315E2A

■ 195E0E

■ 395E34

■ 105E05

■ 425E3D

■ 0C5E00

■ 4A5E47

■ 525E50

■ 5A5E59

■ 625E63

■ 6A5E6C

■ 735E76

Harmonies

Analogous

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



525706



295E21



006242

Triad

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



295E21



005B95



903241

Complementary

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



295E21



56215E

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.



883463



295E21



345094

Square

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



295E21



006183



6C4181



863E22

Rectangle

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



295E21



00635A



6C4181



8F314C

Sweetspot

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



295E21



667A63



5E5621



313D2F



BDBDBD



3D3D3D

Same Dimension

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



295E21



277A1B



215E37



2A2E29



0E6E00



1FED00

Inverse Universe

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



56215E



6E1B7A



5E2148



2D292E



5F006E



CE00ED

Previews

White Background



This preview shows how the Hex color 295E21 looks on a white background.

Color Contrast Check

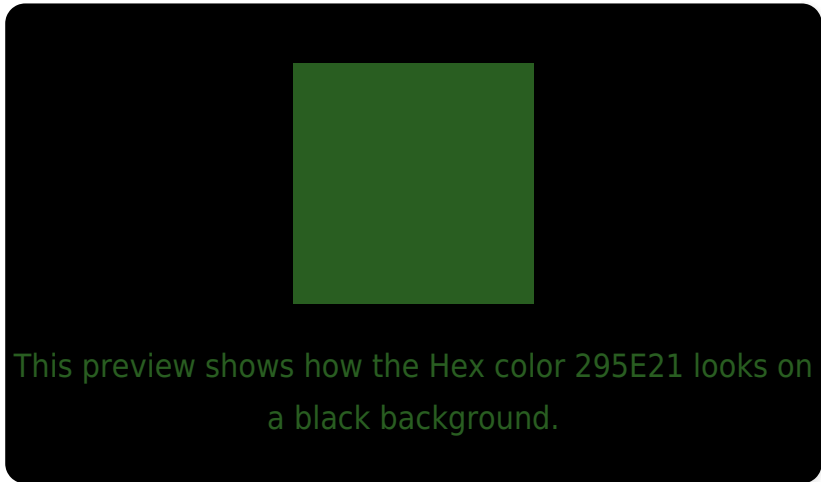
Large Text (above 18pt) WCAG AA ✓ Pass

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

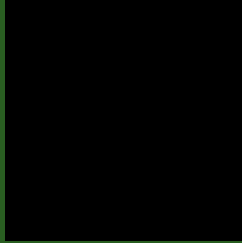
Any Text WCAG AA × Fail

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 295E21 Background



This preview shows how black text looks on a background with the Hex color 295E21.



This preview shows how white text looks on a background with the Hex color 295E21.

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
295E21

Protanopia
5C531E

Deuteranopia
664E26



Tritanopia
36585F

Trichromacy



Original Color
295E21

Protanomaly
49571F

Deuteranomaly
505424

Tritanomaly
315A48

Monochromacy



Original Color
295E21

Achromatopsia
474747

Achromatomaly
3C4F39

CSS Examples

Text

The CSS property to change the color of the text to Hex 295E21 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 #295E21 looks like.

```
.text, #text, p{  
    color:#295E21  
}
```

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 #295E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295E21
}
```

Border

The CSS property to change the border of an element to Hex 295E21 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".

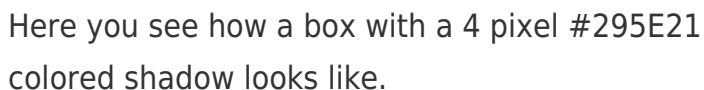
```
.border, #border, table{ border:4px solid
#295E21 }
```

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

```
.border{ border-color:#295E21 }
```

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

Here you see how a box with a 4 pixel #295E21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295E21; -webkit-box-shadow:4px 4px  
4px 4px #295E21; box-shadow:4px 4px 4px  
4px #295E21 }
```

Background

The CSS property to change the background color of an element to Hex 295E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295E21 }
```

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

```
.background{ background-color:#295E21 }
```

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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