

Converting Colors

Hex(295228)

Have a look what the booklet for
Hex(295228) contains.

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Color

Hex(295228)

Conversions

Conversions Part 1

Format	Color
Hex	295228
RGB	41, 82, 40
RGB Percent	16%, 32%, 16%
CMY	0.8392, 0.6784, 0.8431
CMYK	0.50, 0.00, 0.51, 0.68
HSL	119°, 34%, 24%
HSV	119°, 51%, 32%
XYZ	4.3147, 6.6592, 3.0654
YIQ	64.9530, -10.9540, -21.7540

Conversions

Conversions Part 2

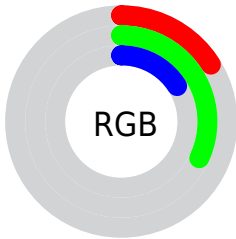
Format	Color
R_{YB}	40, 82, 81
Decimal	2708008
CIE _{Lab}	31.02, -24.30, 20.22
CIE _{LCh}	31, 31.614, 140.231
Yxy	6.6592, 0.3073, 0.4743
Android (android.graphics.Color)	4280898088 (0xFF295228)
YUV	64.9530, -12.3018, -21.0068
Hunter-Lab	25.8054, -15.3138, 11.0207

Details

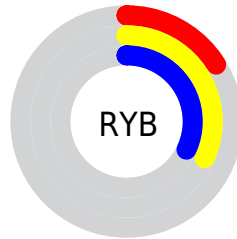
The Hex color **295228** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **512852**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5A8456**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **215220**, and if you desaturate by 10%, it is **315230**.

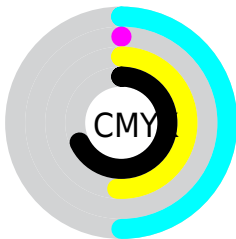
Distribution



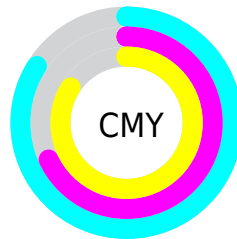
- Red (16%)
- Green (32%)
- Blue (16%)



- Red (16%)
- Yellow (32%)
- Blue (32%)



- Cyan (50%)
- Magenta (0%)
- Yellow (51%)
- Black (68%)



- Cyan (84%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Hex color 295228 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 295228 by changing the saturation by 10% instead.

 295228

 295228

FFFFFF

 113B13

 5A8456

 002500

 739E6F

 000700

 8DB988

 000000

 A8D5A3

 C3F1BE

 E0FFDA

 FCFFF6

 295228

 295228

■ 215220

■ 315230

■ 195218

■ 395238

■ 11520F

■ 415241

■ 095207

■ 495249

■ 025200

■ 515251

■ 595259

■ 615261

■ 69526A

■ 715272

Harmonies

Analogous

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



464D18



295228



005540

Triad

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



295228



004E7A



773439

Complementary

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



295228



512852

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.



723452



295228



3C4677

Square

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



295228



00536E



5F3C69



6F3B24

Rectangle

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



295228



005551



5F3C69



773341

Sweetspot

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



295228



5B6B5B



525128



2C362C



B5B5B5



363636

Same Dimension

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



295228



2B6B2A



28523C



252925



026900



06E800

Inverse Universe

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



512852



6A2A6B



52283E



292529



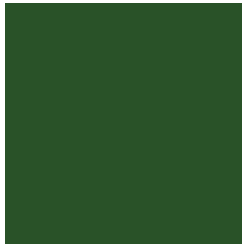
660069



E300E8

Previews

White Background



This preview shows how the Hex color 295228 looks on a white background.

Color Contrast Check

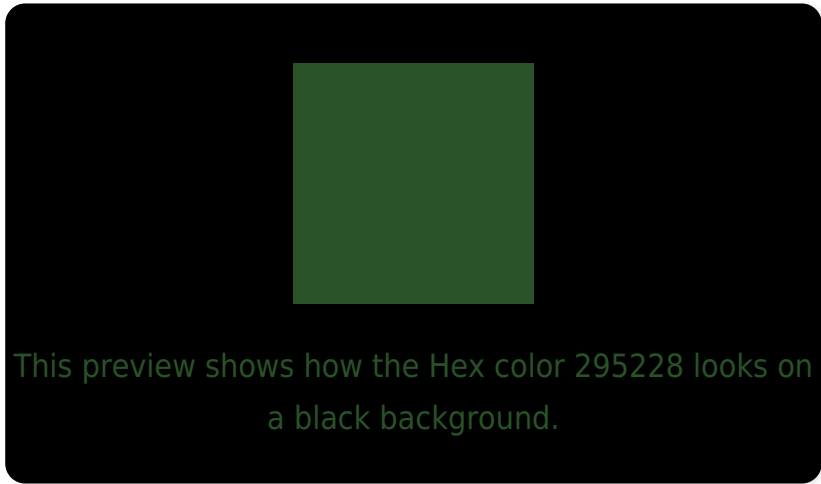
Large Text (above 18pt) WCAG AA ✓ Pass

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

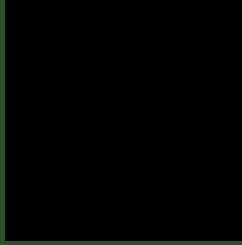
Any Text WCAG AA × Fail

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 295228 Background



This preview shows how black text looks on a background with the Hex color 295228.



This preview shows how white text looks on a background with the Hex color 295228.

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
295228

Protanopia
504925

Deuteranopia
58452B



Tritanopia
324D53

Trichromacy



Original Color
295228

Protanomaly
424C26

Deuteranomaly
474A2A

Tritanomaly
2F4F43

Monochromacy



Original Color
295228

Achromatopsia
414141

Achromatomaly
384738

CSS Examples

Text

The CSS property to change the color of the text to Hex 295228 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 #295228 looks like.

```
.text, #text, p{  
    color:#295228  
}
```

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 #295228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295228
}
```

Border

The CSS property to change the border of an element to Hex 295228 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
#295228 }
```

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

```
.border{ border-color:#295228 }
```

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

Here you see how a box with a 4 pixel #295228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295228; -webkit-box-shadow:4px 4px  
4px 4px #295228; box-shadow:4px 4px 4px  
4px #295228 }
```

Background

The CSS property to change the background color of an element to Hex 295228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295228 }
```

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

```
.background{ background-color:#295228 }
```

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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