

Converting Colors

Hex(344027)

Have a look what the booklet for
Hex(344027) contains.

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Color

Hex(344027)

Conversions

Conversions Part 1

Format	Color
Hex	344027
RGB	52, 64, 39
RGB Percent	20%, 25%, 15%
CMY	0.7961, 0.7490, 0.8471
CMYK	0.19, 0.00, 0.39, 0.75
HSL	89°, 24%, 20%
HSV	89°, 39%, 25%
XYZ	3.6158, 4.5433, 2.6058
YIQ	57.5620, 0.8730, -10.3190

Conversions

Conversions Part 2

Format	Color
RYB	39, 64, 51
Decimal	3424295
CIELab	25.39, -10.25, 13.73
CIELCh	25, 17.136, 126.752
Yxy	4.5433, 0.3359, 0.4220
Android (android.graphics.Color)	4281614375 (0xFF344027)
YUV	57.5620, -9.1511, -4.8779
Hunter-Lab	21.3151, -7.0217, 7.6722

Details

The Hex color **344027** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **332740**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **637054**, and **041600** is the 20% darker color. If you saturate the color by 10%, you get **314021**, and if you desaturate by 10%, it is **37402D**.

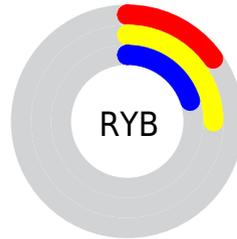
Distribution



Red (20%)

Green (25%)

Blue (15%)



Red (15%)

Yellow (25%)

Blue (20%)

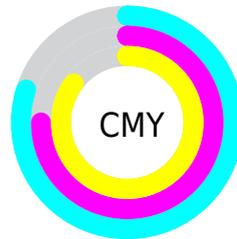


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 344027 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 344027 by changing the saturation by 10% instead.



344027



344027

FFFFFF



1E2A12



637054



041600



7C896D



000000



96A386



B1BFA0



CCDABB



E8F7D7



FFFFF3



344027



344027

■ 314021

■ 37402D

■ 2E401A

■ 3A4034

■ 2B4014

■ 3D403A

■ 28400D

■ 404041

■ 254007

■ 434047

■ 224001

■ 46404D

■ 214000

■ 4A4054

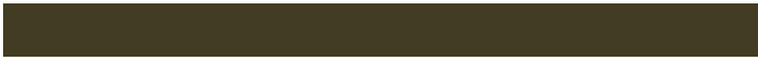
■ 4D405A

■ 504061

Harmonies

Analogous

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



423C22



344027



244232

Triad

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



344027



194054



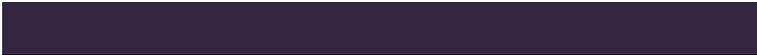
55323A

Complementary

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



344027



332740

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.



4F3447



344027



2F3C56

Square

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



344027



0B434B



423851



54342D

Rectangle

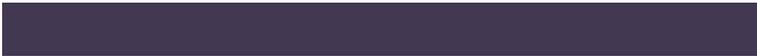
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



344027



19433A



423851



54323E

Sweetspot

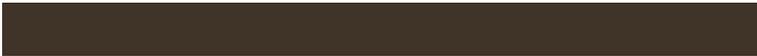
The Sweet Spot groups the original color and five complimentary colors.



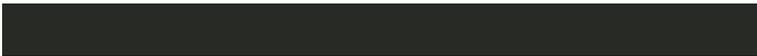
344027



4F544A



403327



282B25



ABABAB



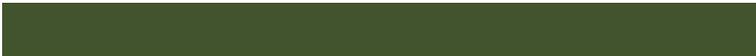
2B2B2B

Same Dimension

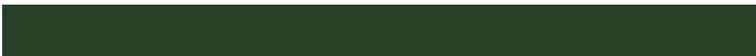
The Same Dimension uses a secret algorithm to generate beautiful new colors.



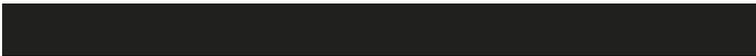
344027



41542D



284027



20211E



326100



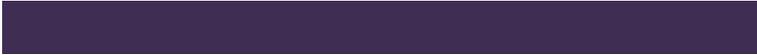
75E000

Inverse Universe

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



332740



402D54



3F2740



1F1E21



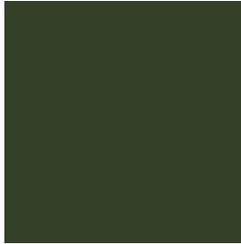
2F0061



6C00E0

Previews

White Background



This preview shows how the Hex color 344027 looks on a white background.

Color Contrast Check

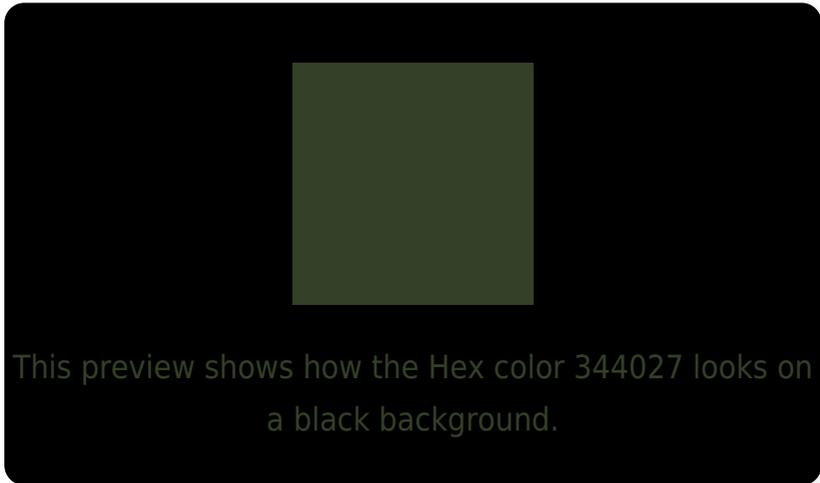
Large Text (above 18pt) WCAG AA ✓ Pass

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 344027 Background



This preview shows how black text looks on a background with the Hex color 344027.



This preview shows how white text looks on a background with the Hex color 344027.

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](#).

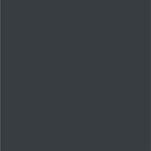
Dichromacy



Original Color
344027

Protanopia
423C25

Deuteranopia
483928



Tritanopia
383D42

Trichromacy



Original Color
344027

Protanomaly
3D3D26

Deuteranomaly
413C28

Tritanomaly
373E38

Monochromacy



Original Color
344027

Achromatopsia
3A3A3A

Achromatomaly
383C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 344027 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 #344027 looks like.

```
.text, #text, p{  
    color:#344027  
}
```

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 #344027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #344027
}
```

Border

The CSS property to change the border of an element to Hex 344027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

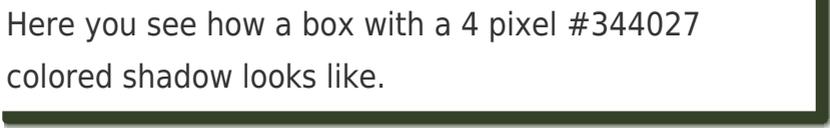
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#344027 }
```

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

```
.border{ border-color:#344027 }
```

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



Here you see how a box with a 4 pixel #344027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #344027; -webkit-box-shadow:4px 4px  
4px 4px #344027; box-shadow:4px 4px 4px  
4px #344027 }
```

Background

The CSS property to change the background color of an element to Hex 344027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#344027 }
```

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

```
.background{ background-color:#344027 }
```

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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