

Converting Colors

Hex(364930)

Have a look what the booklet for
Hex(364930) contains.

Hex(364930)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(364930)

Conversions

Conversions Part 1

Format	Color
Hex	364930
RGB	54, 73, 48
RGB Percent	21%, 29%, 19%
CMY	0.7882, 0.7137, 0.8118
CMYK	0.26, 0.00, 0.34, 0.71
HSL	106°, 21%, 24%
HSV	106°, 34%, 29%
XYZ	4.4374, 5.7628, 3.6748
YIQ	64.4690, -3.2990, -11.8030

Conversions

Conversions Part 2

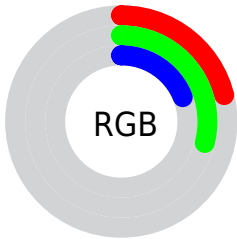
Format	Color
RYB	48, 73, 67
Decimal	3557680
CIELab	28.81, -13.09, 12.62
CIElCh	29, 18.182, 136.050
Yxy	5.7628, 0.3198, 0.4153
Android (android.graphics.Color)	4281747760 (0xFF364930)
YUV	64.4690, -8.1192, -9.1813
Hunter-Lab	24.0057, -9.0150, 7.7280

Details

The Hex color **364930** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **433049**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **657A5E**, and **0C1D01** is the 20% darker color. If you saturate the color by 10%, you get **304929**, and if you desaturate by 10%, it is **3C4937**.

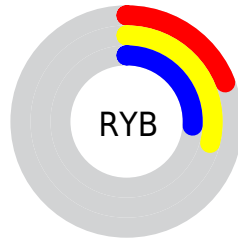
Distribution



Red (21%)

Green (29%)

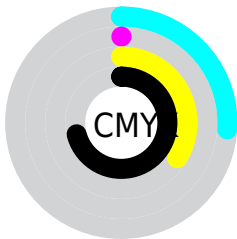
Blue (19%)



Red (19%)

Yellow (29%)

Blue (26%)

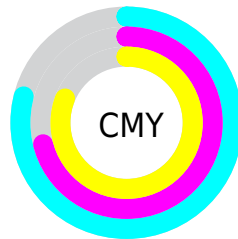


Cyan (26%)

Magenta (0%)

Yellow (34%)

Black (71%)



Cyan (79%)

Magenta (71%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 364930 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 364930 by changing the saturation by 10% instead.

■ 364930

■ 364930

FFFFFF

■ 20321B

■ 657A5E

■ 0C1D01

■ 7E9377

■ 000000

■ 99AE91

■ B3CAAB

■ CFE6C7

■ EBFEE3

■ 364930

■ 364930

■ 304929

■ 3C4937

■ 2B4921

■ 41493F

■ 25491A

■ 474946

■ 204913

■ 4C494D

■ 1A490C

■ 524955

■ 154904

■ 57495C

■ 124900

■ 5D4963

■ 62496A

■ 684972

Harmonies

Analogous

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



464529



364930



254B3D

Triad

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



364930



26475F



60393D

Complementary

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



364930



433049

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.



5B3A4B



364930



3C435F

Square

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



364930



134A58



4F3E57



5C3C30

Rectangle

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



364930



194C46



4F3E57



5F3942

Sweetspot

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



364930



575E55



494330



2C302B



B0B0B0



303030

Same Dimension

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



364930



415E38



304936



212420



186300



36E300

Inverse Universe

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



433049



55385E



493043



232024



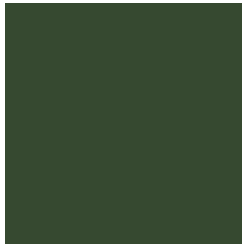
4C0063



AC00E3

Previews

White Background



This preview shows how the Hex color 364930 looks on a white background.

Color Contrast Check

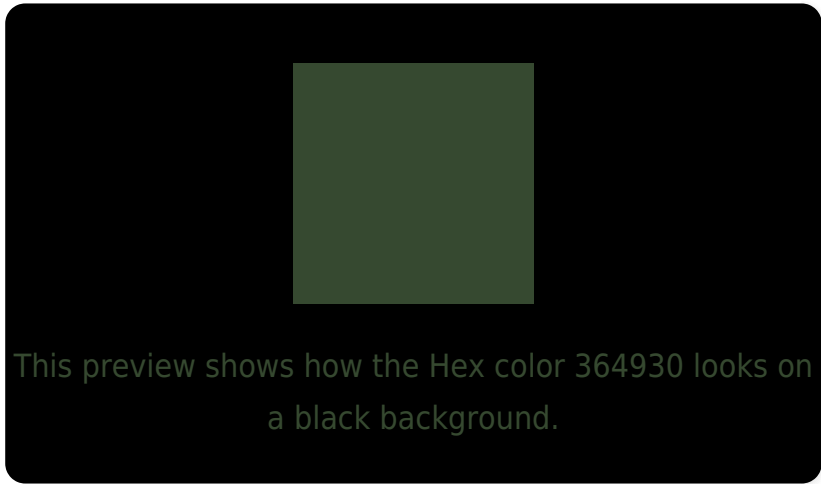
Large Text (above 18pt) WCAG AA ✓ Pass

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

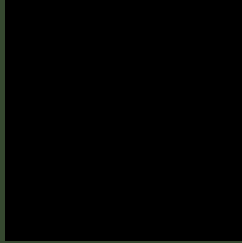
Any Text WCAG AA × Fail

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 364930 Background



This preview shows how black text looks on a background with the Hex color 364930.



This preview shows how white text looks on a background with the Hex color 364930.

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
364930

Protanopia
49442E

Deuteranopia
504132



Tritanopia
3B464B

Trichromacy



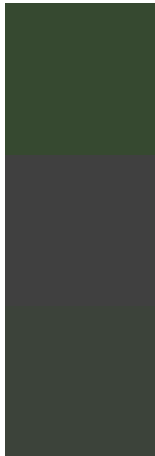
Original Color
364930

Protanomaly
42462F

Deuteranomaly
474431

Tritanomaly
394741

Monochromacy



Original Color
364930

Achromatopsia
404040

Achromatomaly
3C433A

CSS Examples

Text

The CSS property to change the color of the text to Hex 364930 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 #364930 looks like.

```
.text, #text, p{  
    color:#364930  
}
```

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 #364930 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364930
}
```

Border

The CSS property to change the border of an element to Hex 364930 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".

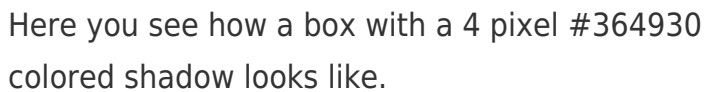
```
.border, #border, table{ border:4px solid
#364930 }
```

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

```
.border{ border-color:#364930 }
```

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

Here you see how a box with a 4 pixel #364930 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and right sides. Below the box, there is a thick dark green horizontal bar that serves as a shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364930; -webkit-box-shadow:4px 4px  
4px 4px #364930; box-shadow:4px 4px 4px  
4px #364930 }
```

Background

The CSS property to change the background color of an element to Hex 364930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364930 }
```

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

```
.background{ background-color:#364930 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor