

Converting Colors

Hex(364870)

Have a look what the booklet for
Hex(364870) contains.

Hex(364870)	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(364870)

Conversions

Conversions Part 1

Format	Color
Hex	364870
RGB	54, 72, 112
RGB Percent	21%, 28%, 44%
CMY	0.7882, 0.7176, 0.5608
CMYK	0.52, 0.36, 0.00, 0.56
HSL	221°, 35%, 33%
HSV	221°, 52%, 44%
XYZ	6.7633, 6.5889, 16.2445
YIQ	71.1780, -23.5680, 8.6240

Conversions

Conversions Part 2

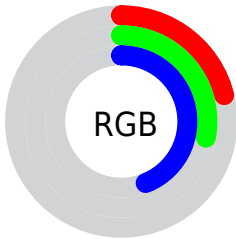
Format	Color
R_{YB}	54, 68, 112
Decimal	3557488
CIE _{Lab}	30.85, 5.25, -25.30
CIE _{LCh}	31, 25.834, 281.716
Yxy	6.5889, 0.2285, 0.2226
Android (android.graphics.Color)	4281747568 (0xFF364870)
YUV	71.1780, 20.1252, -15.0651
Hunter-Lab	25.6688, 2.1116, -19.5537

Details

The Hex color **364870** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **705E36**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6878A4**, and **001D40** is the 20% darker color. If you saturate the color by 10%, you get **2B4070**, and if you desaturate by 10%, it is **415070**.

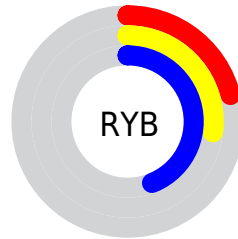
Distribution



Red (21%)

Green (28%)

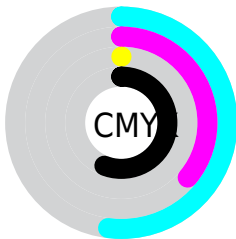
Blue (44%)



Red (21%)

Yellow (27%)

Blue (44%)

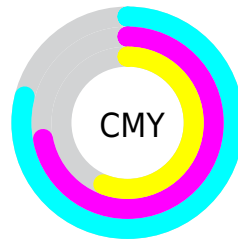


Cyan (52%)

Magenta (36%)

Yellow (0%)

Black (56%)



Cyan (79%)

Magenta (72%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 364870 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 364870 by changing the saturation by 10% instead.

■ 364870

■ 364870

FFFFFF

■ 1D3257

■ 6878A4

■ 001D40

■ 8392BF

■ 00022A

■ 9DACDB

■ 000114

■ B9C8F8

■ 000000

■ D5E4FF

■ F2FFFF

■ 364870

■ 364870

■ 2B4070

■ 415070

■ 203970

■ 4C5770

■ 143170

■ 585F70

■ 092970

■ 636770

■ 002370

■ 6E6F70

■ 797670

■ 847E70

■ 908670

■ 9B8E70

Harmonies

Analogous

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



004E6F



364870



554067

Triad

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



364870



6B3C2F



1A523B

Complementary

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



364870



705E36

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.



374F2A



364870



5F4322

Square

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



364870



6F3841



4D4A20



005350

Rectangle

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



364870



633C5C



4D4A20



255135

Sweetspot

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



364870



7A8191



36705E



3C404A



C9C9C9



4A4A4A

Same Dimension

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



364870



375391



413670



323438



002578



004DF7

Inverse Universe

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



703648



913753



657036



383234



780025



F7004D

Previews

White Background



This preview shows how the Hex color 364870 looks on a white background.

Color Contrast Check

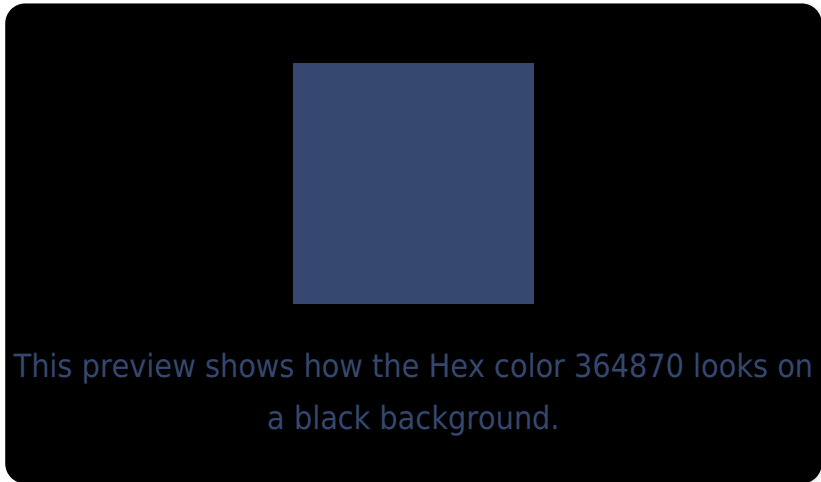
Large Text (above 18pt) WCAG AA ✓ Pass

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 364870 Background



This preview shows how black text looks on a background with the Hex color 364870.

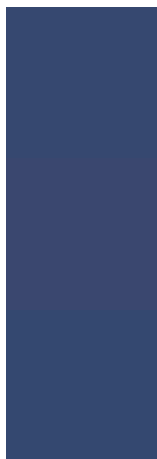


This preview shows how white text looks on a background with the Hex color 364870.

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

364870

Protanopia

3A476F

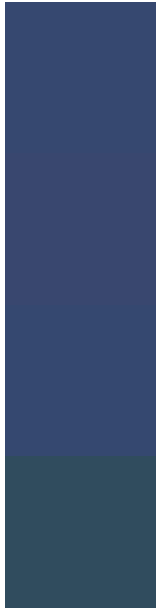
Deuteranopia

344870



Tritanopia
2D4E54

Trichromacy



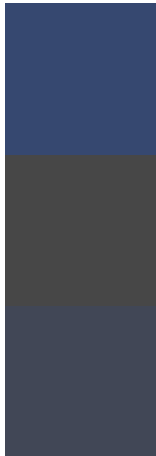
Original Color
364870

Protanomaly
39476F

Deuteranomaly
354870

Tritanomaly
304C5E

Monochromacy



Original Color
364870

Achromatopsia
474747

Achromatomaly
414756

CSS Examples

Text

The CSS property to change the color of the text to Hex 364870 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 #364870 looks like.

```
.text, #text, p{  
    color:#364870  
}
```

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 #364870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364870
}
```

Border

The CSS property to change the border of an element to Hex 364870 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".

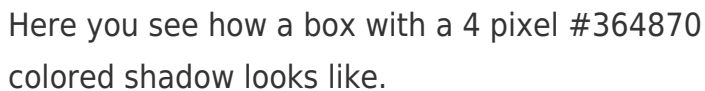
```
.border, #border, table{ border:4px solid
#364870 }
```

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

```
.border{ border-color:#364870 }
```

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

Here you see how a box with a 4 pixel #364870 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a dark blue, semi-transparent rectangle that is offset to the bottom-right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364870; -webkit-box-shadow:4px 4px  
4px 4px #364870; box-shadow:4px 4px 4px  
4px #364870 }
```

Background

The CSS property to change the background color of an element to Hex 364870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364870 }
```

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

```
.background{ background-color:#364870 }
```

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