

Converting Colors

Hex(364868)

Have a look what the booklet for
Hex(364868) contains.

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Color

Hex(364868)

Conversions

Conversions Part 1

Format	Color
Hex	364868
RGB	54, 72, 104
RGB Percent	21%, 28%, 41%
CMY	0.7882, 0.7176, 0.5922
CMYK	0.48, 0.31, 0.00, 0.59
HSL	218°, 32%, 31%
HSV	218°, 48%, 41%
XYZ	6.3374, 6.4185, 14.0016
YIQ	70.2660, -21.0000, 6.1360

Conversions

Conversions Part 2

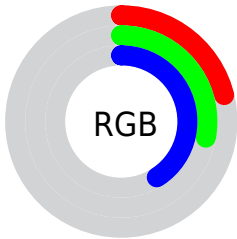
Format	Color
RYB	54, 67, 104
Decimal	3557480
CIELab	30.44, 2.56, -20.87
CIELCh	30, 21.028, 276.986
Yxy	6.4185, 0.2368, 0.2399
Android (android.graphics.Color)	4281747560 (0xFF364868)
YUV	70.2660, 16.6309, -14.2653
Hunter-Lab	25.3347, 0.3153, -15.0331

Details

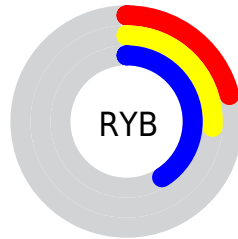
The Hex color **364868** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **685636**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **68789B**, and **031D39** is the 20% darker color. If you saturate the color by 10%, you get **2C4168**, and if you desaturate by 10%, it is **404F68**.

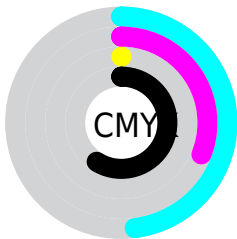
Distribution



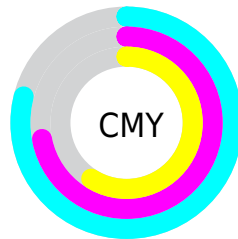
- Red (21%)
- Green (28%)
- Blue (41%)



- Red (21%)
- Yellow (26%)
- Blue (41%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (72%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 364868 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 364868 by changing the saturation by 10% instead.

■ 364868

■ 364868

FFFFFF

■ 1E3250

■ 68789B

■ 031D39

■ 8192B6

■ 000223

■ 9CACD2

■ 00000B

■ B7C8EE

■ 000000

■ D3E4FF

■ F0FFFF

■ 364868

■ 364868

■ 2C4168

■ 404F68

■ 213B68

■ 4B5568

■ 173468

■ 555C68

■ 0C2D68

■ 606368

■ 022768

■ 6A6968

■ 002568

■ 747068

■ 7F7768

■ 897D68

■ 948468

Harmonies

Analogous

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



184D65



364868



4F4262

Triad

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



364868



663D35



294F3A

Complementary

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



364868



685636

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.



3D4C2D



364868



5D422A

Square

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



364868



673B44



4F4827



10504B

Rectangle

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



364868



5B3E5A



4F4827



304F35

Sweetspot

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



364868



747B87



366856



393D45



C4C4C4



454545

Same Dimension

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



364868



395587



3D3668



2E3033



002973



0057F2

Inverse Universe

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



683648



873955



616836



332E30



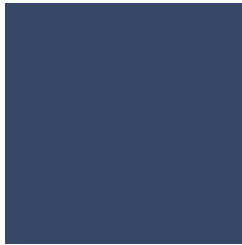
730029



F20057

Previews

White Background



This preview shows how the Hex color 364868 looks on a white background.

Color Contrast Check

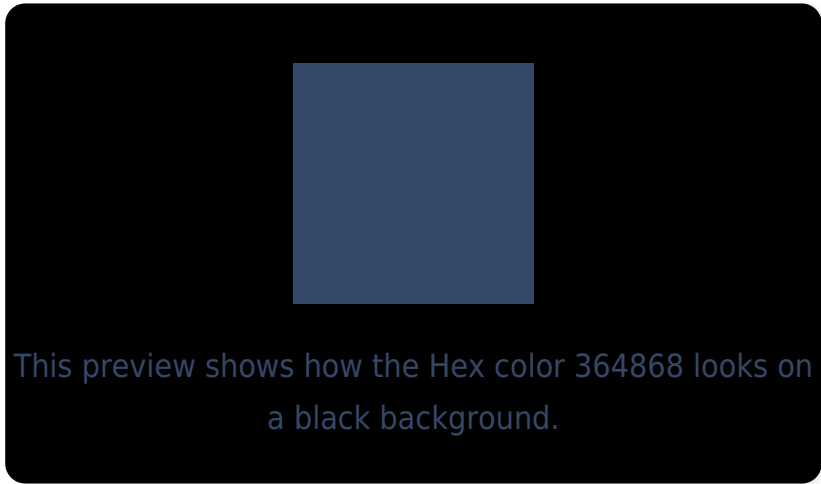
Large Text (above 18pt) WCAG AA ✓ Pass

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

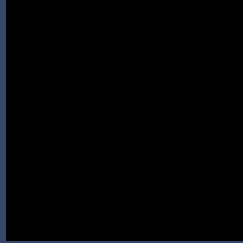
Any Text WCAG AA × Fail

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 364868 Background



This preview shows how black text looks on a background with the Hex color 364868.

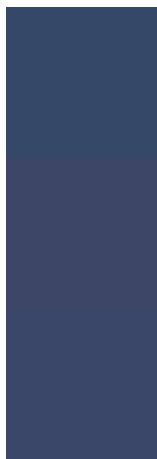


This preview shows how white text looks on a background with the Hex color 364868.

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

364868

Protanopia

3D4667

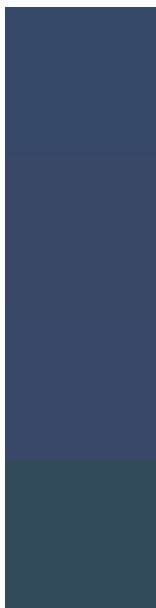
Deuteranopia

3A4768



Tritanopia
2F4C52

Trichromacy



Original Color

364868

Protanomaly

3A4767

Deuteranomaly

394768

Tritanomaly

324B5A

Monochromacy



Original Color

364868

Achromatopsia

464646

Achromatomaly

404752

CSS Examples

Text

The CSS property to change the color of the text to Hex 364868 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 #364868 looks like.

```
.text, #text, p{  
    color:#364868  
}
```

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 #364868 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #364868
}
```

Border

The CSS property to change the border of an element to Hex 364868 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".

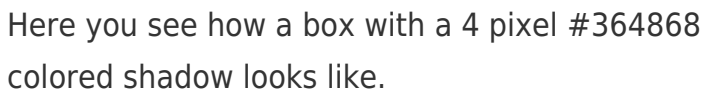
```
.border, #border, table{ border:4px solid
#364868 }
```

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

```
.border{ border-color:#364868 }
```

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

Here you see how a box with a 4 pixel #364868 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #364868; -webkit-box-shadow:4px 4px  
4px 4px #364868; box-shadow:4px 4px 4px  
4px #364868 }
```

Background

The CSS property to change the background color of an element to Hex 364868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#364868 }
```

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

```
.background{ background-color:#364868 }
```

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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