

Converting Colors

Hex(367488)

Have a look what the booklet for
Hex(367488) contains.

| | |
|--|----|
| Hex(367488) | 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(367488)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 367488 |
| RGB | 54, 116, 136 |
| RGB Percent | 21%, 45%, 53% |
| CMY | 0.7882, 0.5451, 0.4667 |
| CMYK | 0.60, 0.15, 0.00, 0.47 |
| HSL | 195°, 43%, 37% |
| HSV | 195°, 60%, 53% |
| XYZ | 12.2106, 15.0526, 25.5544 |
| YIQ | 99.7420, -43.3720, -6.9240 |

Conversions

Conversions Part 2

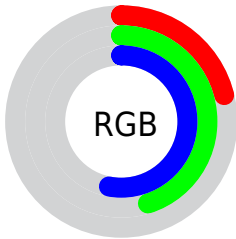
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 54, 89, 136 |
| Decimal | 3568776 |
| CIELab | 45.71, -13.68, -16.98 |
| CIELCh | 46, 21.805, 231.132 |
| Yxy | 15.0526, 0.2312, 0.2850 |
| Android (android.graphics.Color) | 4281758856 (0xFF367488) |
| YUV | 99.7420, 17.8752, -40.1157 |
| Hunter-Lab | 38.7977, -11.7174, -11.8934 |




Details

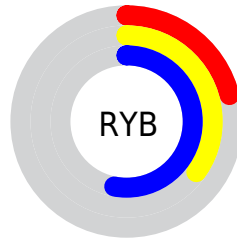
The Hex color **367488** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **884A36**, and the grayscale version is **646464**.




A 20% lighter version of the original color is **6DA8BD**, and **004456** is the 20% darker color. If you saturate the color by 10%, you get **287188**, and if you desaturate by 10%, it is **447788**.

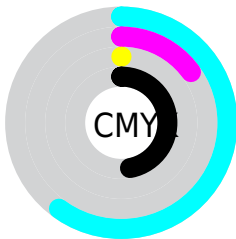
Distribution







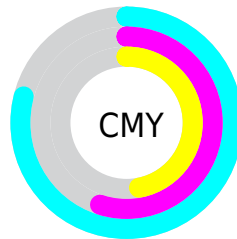
-  Red (21%)
-  Green (45%)
-  Blue (53%)






-  Red (21%)
-  Yellow (35%)
-  Blue (53%)



-  Cyan (60%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (79%)
-  Magenta (55%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 367488 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 367488 by changing the saturation by 10% instead.



367488



367488

FFFFFF



175B6F



6DA8BD



004456



88C3D9



002D3F



A3DFF6



001A29



C0FCFF



000114



DCFFFF



000000



FAFFFF



367488



367488



287188



447788

■ 1B6D88

■ 517B88

■ 0D6A88

■ 5F7E88

■ 006788

■ 6C8188

■ 7A8588

■ 888888

■ 958B88

■ A38F88

■ B09288

Harmonies

Analogous

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



337679



367488



4C7090

Triad

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



367488



8D5F72



6C6F4A

Complementary

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



367488



884A36

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.



7E6948



367488



915F60

Square

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



367488



7E6383



8B6351



577455

Rectangle

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



367488



5E6C90



8B6351



726D48

Sweetspot

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



367488



90A8B0



368849



465459



D9D9D9



595959

Same Dimension

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



367488



3191B0



364C88



3E4345



006485



000405

Inverse Universe

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



883674



B03191



887236



453E43



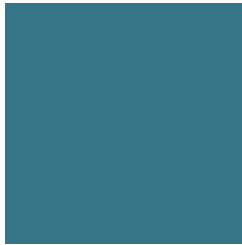
850064



050004

Previews

White Background



This preview shows how the Hex color 367488 looks on a white background.

Color Contrast Check

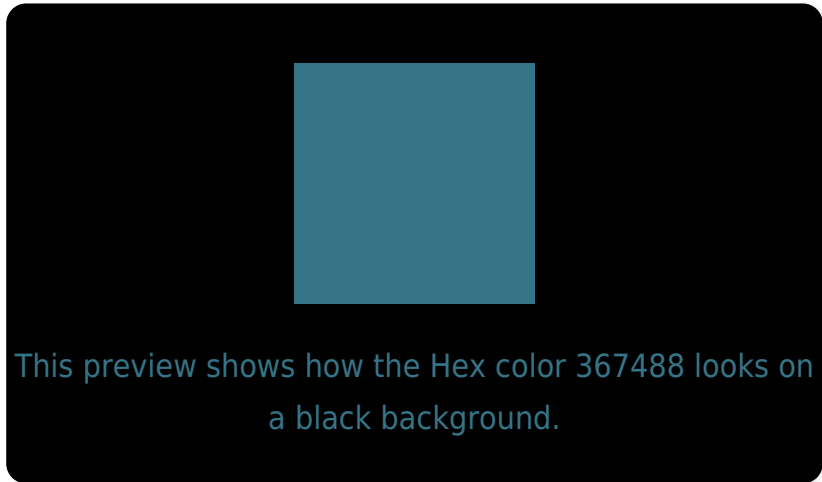
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

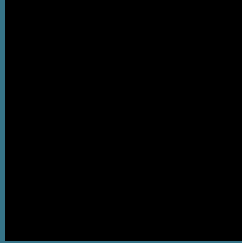
Any Text WCAG AA × Fail

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 367488 Background



This preview shows how black text looks on a background with the Hex color 367488.

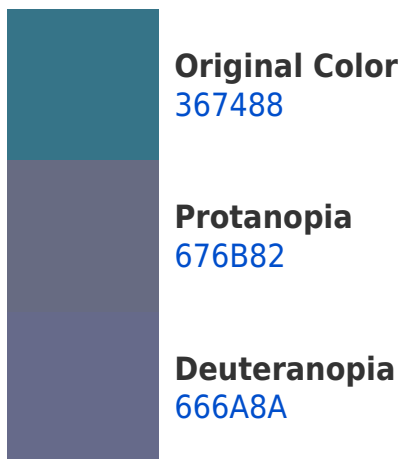



This preview shows how white text looks on a background with the Hex color 367488.

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





Tritanopia
32767F

Trichromacy



Original Color
367488

Protanomaly
556E84

Deuteranomaly
556E89

Tritanomaly
337582

Monochromacy



Original Color
367488

Achromatopsia
646464

Achromatomaly
536A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 367488 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 #367488 looks like.

```
.text, #text, p{  
    color:#367488  
}
```

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 #367488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #367488  
}
```

Border

The CSS property to change the border of an element to Hex 367488 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  
#367488 }
```

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

```
.border{ border-color:#367488 }
```

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

Here you see how a box with a 4 pixel #367488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #367488; -webkit-box-shadow:4px 4px  
4px 4px #367488; box-shadow:4px 4px 4px  
4px #367488 }
```

Background

The CSS property to change the background color of an element to Hex 367488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#367488 }
```

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

```
.background{ background-color:#367488 }
```

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