

Converting Colors

Hex(368D56)

Have a look what the booklet for
Hex(368D56) contains.

Hex(368D56)	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(368D56)

Conversions

Conversions Part 1

Format	Color
Hex	368D56
RGB	54, 141, 86
RGB Percent	21%, 55%, 34%
CMY	0.7882, 0.4471, 0.6627
CMYK	0.62, 0.00, 0.39, 0.45
HSL	142°, 45%, 38%
HSV	142°, 62%, 55%
XYZ	12.7259, 20.5059, 12.0914
YIQ	108.7170, -34.1970, -35.5490

Conversions

Conversions Part 2

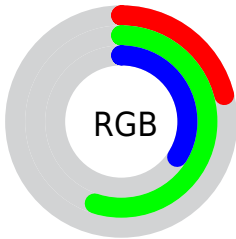
Format	Color
RYB	54, 118, 141
Decimal	3575126
CIELab	52.40, -39.05, 21.81
CIELCh	52, 44.730, 150.823
Yxy	20.5059, 0.2808, 0.4524
Android (android.graphics.Color)	4281765206 (0xFF368D56)
YUV	108.7170, -11.1995, -47.9868
Hunter-Lab	45.2834, -29.0826, 15.8670

Details

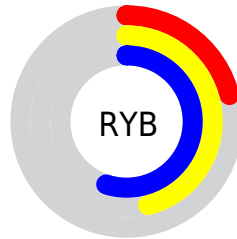
The Hex color **368D56** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8D366D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **6DC388**, and **005A28** is the 20% darker color. If you saturate the color by 10%, you get **288D4D**, and if you desaturate by 10%, it is **448D5F**.

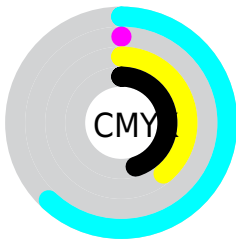
Distribution



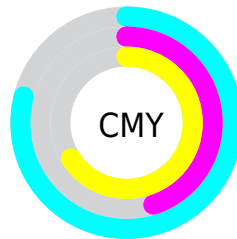
- Red (21%)
- Green (55%)
- Blue (34%)



- Red (21%)
- Yellow (46%)
- Blue (55%)



- Cyan (62%)
- Magenta (0%)
- Yellow (39%)
- Black (45%)



- Cyan (79%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 368D56 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 368D56 by changing the saturation by 10% instead.



368D56



368D56

FFFFFF



15733E



6DC388



005A28



89E0A3



004112



A5FDBE



002B00



C1FFDA



001000



DEFFF6



000000



FBFFFF



368D56



368D56



288D4D



448D5F

■ 1A8D44

■ 528D68

■ 0C8D3B

■ 608D71

■ 008D34

■ 6E8D7A

■ 7D8D83

■ 8B8D8B

■ 998D94

■ A78D9D

■ B58DA6

Harmonies

Analogous

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



6B8638



368D56



00907D

Triad

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



368D56



2F81CA



C26058

Complementary

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



368D56



8D366D

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.



C25B7E



368D56



8072BF

Square

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



368D56



008BBF



AD63A3



B06D3A

Rectangle

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



368D56



009097



AD63A3



C45D64

Sweetspot

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



368D56



95B8A2



6D8D36



475C4E



DBDBDB



5C5C5C

Same Dimension

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



368D56



30B862



368D81



404743



008732



000803

Inverse Universe

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



8D366D



B83086



8D3642



474045



870055



080005

Previews

White Background



This preview shows how the Hex color 368D56 looks on a white background.

Color Contrast Check

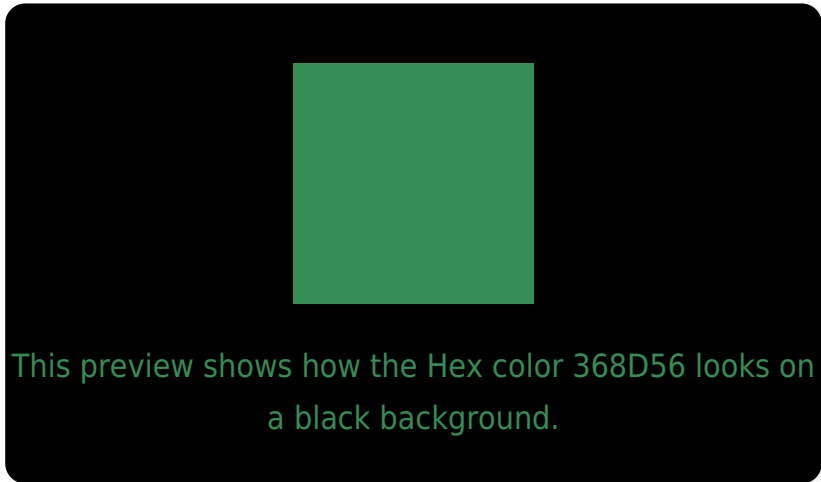
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 368D56 Background



This preview shows how black text looks on a background with the Hex color 368D56.



This preview shows how white text looks on a background with the Hex color 368D56.

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
368D56

Protanopia
877C4F

Deuteranopia
93775B



Tritanopia
488691

Trichromacy



Original Color
368D56

Protanomaly
6A8252

Deuteranomaly
717F59

Tritanomaly
41897C

Monochromacy



Original Color
368D56

Achromatopsia
6D6D6D

Achromatomaly
597965

CSS Examples

Text

The CSS property to change the color of the text to Hex 368D56 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 #368D56 looks like.

```
.text, #text, p{  
    color:#368D56  
}
```

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 #368D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #368D56
}
```

Border

The CSS property to change the border of an element to Hex 368D56 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
#368D56 }
```

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

```
.border{ border-color:#368D56 }
```

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

Here you see how a box with a 4 pixel #368D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #368D56; -webkit-box-shadow:4px 4px  
4px 4px #368D56; box-shadow:4px 4px 4px  
4px #368D56 }
```

Background

The CSS property to change the background color of an element to Hex 368D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#368D56 }
```

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

```
.background{ background-color:#368D56 }
```

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