

Converting Colors

Hex(386149)

Have a look what the booklet for
Hex(386149) contains.

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Color

Hex(386149)

Conversions

Conversions Part 1

Format	Color
Hex	386149
RGB	56, 97, 73
RGB Percent	22%, 38%, 29%
CMY	0.7804, 0.6196, 0.7137
CMYK	0.42, 0.00, 0.25, 0.62
HSL	145°, 27%, 30%
HSV	145°, 42%, 38%
XYZ	7.1082, 9.8712, 7.8340
YIQ	82.0050, -16.7320, -16.1560

Conversions

Conversions Part 2

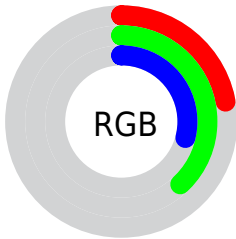
Format	Color
R_{YB}	56, 85, 97
Decimal	3694921
CIE _{Lab}	37.61, -20.42, 9.25
CIE _{LCh}	38, 22.418, 155.637
Yxy	9.8712, 0.2865, 0.3978
Android (android.graphics.Color)	4281885001 (0xFF386149)
YUV	82.0050, -4.4395, -22.8064
Hunter-Lab	31.4184, -14.5980, 7.2093

Details

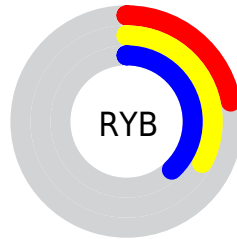
The Hex color **386149** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **613850**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **69947A**, and **07321D** is the 20% darker color. If you saturate the color by 10%, you get **2E6143**, and if you desaturate by 10%, it is **42614F**.

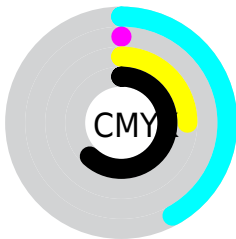
Distribution



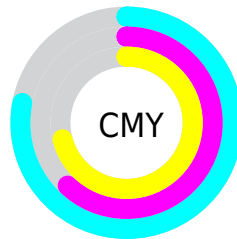
- Red (22%)
- Green (38%)
- Blue (29%)



- Red (22%)
- Yellow (33%)
- Blue (38%)



- Cyan (42%)
- Magenta (0%)
- Yellow (25%)
- Black (62%)



- Cyan (78%)
- Magenta (62%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 386149 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 386149 by changing the saturation by 10% instead.



386149



386149

FFFFFF



204932



69947A



07321D



83AF93



001E04



9DCAAE



000000



B8E6C9



D4FFE5



F1FFFF



386149



386149



2E6143



42614F

■ 25613E

■ 4B6154

■ 1B6138

■ 55615A

■ 116132

■ 5F6160

■ 07612D

■ 686165

■ 006128

■ 72616B

■ 7C6171

■ 866176

■ 8F617C

Harmonies

Analogous

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



4E5E3B



386149



21625B

Triad

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



386149



44597C



7A4D44

Complementary

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



386149



613850

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.



7B4B56



386149



5F5376

Square

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



386149



265E79



724D68



715238

Rectangle

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



386149



146268



724D68



7C4C4A

Sweetspot

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



386149



6D7D73



516138



36403A



BFBFBF



404040

Same Dimension

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



386149



3D7D58



38615D



2C302E



00702F



00F063

Inverse Universe

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



613850



7D3D63



61383C



302C2E



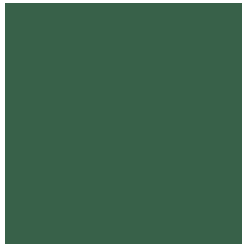
700042



F0008C

Previews

White Background



This preview shows how the Hex color 386149 looks on a white background.

Color Contrast Check

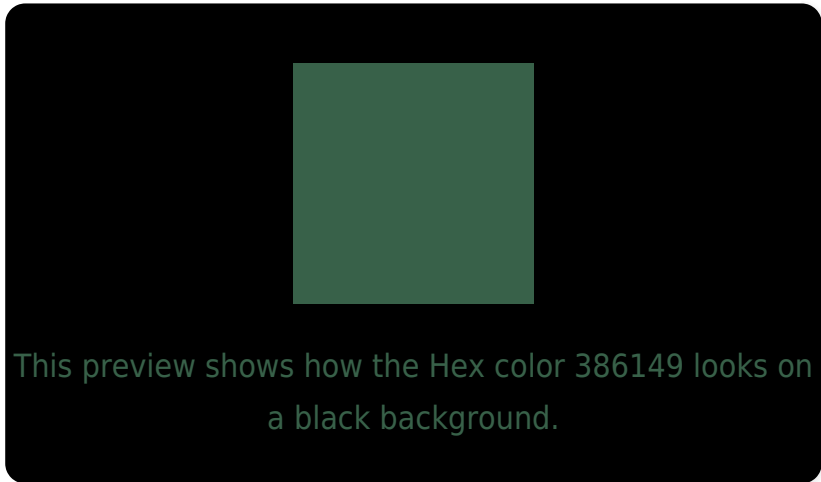
Large Text (above 18pt) WCAG AA ✓ Pass

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

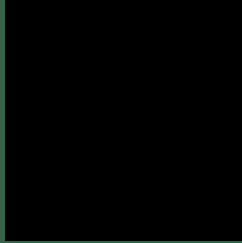
Any Text WCAG AA × Fail

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 386149 Background



This preview shows how black text looks on a background with the Hex color 386149.



This preview shows how white text looks on a background with the Hex color 386149.

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
386149

Protanopia
5E5845

Deuteranopia
65554C



Tritanopia
3F5D65

Trichromacy



Original Color
386149

Protanomaly
505B46

Deuteranomaly
55594B

Tritanomaly
3C5E5B

Monochromacy



Original Color
386149

Achromatopsia
525252

Achromatomaly
49574F

CSS Examples

Text

The CSS property to change the color of the text to Hex 386149 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 #386149 looks like.

```
.text, #text, p{  
    color:#386149  
}
```

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 #386149 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #386149
}
```

Border

The CSS property to change the border of an element to Hex 386149 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
#386149 }
```

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

```
.border{ border-color:#386149 }
```

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

Here you see how a box with a 4 pixel #386149 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #386149; -webkit-box-shadow:4px 4px  
4px 4px #386149; box-shadow:4px 4px 4px  
4px #386149 }
```

Background

The CSS property to change the background color of an element to Hex 386149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#386149 }
```

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

```
.background{ background-color:#386149 }
```

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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