

Converting Colors

Hex(356A55)

Have a look what the booklet for
Hex(356A55) contains.

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Color

Hex(356A55)

Conversions

Conversions Part 1

Format	Color
Hex	356A55
RGB	53, 106, 85
RGB Percent	21%, 42%, 33%
CMY	0.7922, 0.5843, 0.6667
CMYK	0.50, 0.00, 0.20, 0.58
HSL	156°, 33%, 31%
HSV	156°, 50%, 42%
XYZ	8.2619, 11.7208, 10.4212
YIQ	87.7590, -24.8470, -17.7670

Conversions

Conversions Part 2

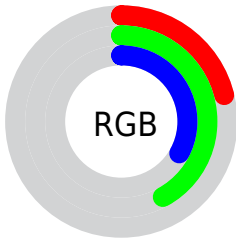
Format	Color
RYB	53, 86, 106
Decimal	3500629
CIELab	40.77, -23.21, 6.39
CIElCh	41, 24.070, 164.598
Yxy	11.7208, 0.2717, 0.3855
Android (android.graphics.Color)	4281690709 (0xFF356A55)
YUV	87.7590, -1.3602, -30.4836
Hunter-Lab	34.2357, -16.8360, 5.9173

Details

The Hex color **356A55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6A354A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **679E87**, and **003A28** is the 20% darker color. If you saturate the color by 10%, you get **2A6A51**, and if you desaturate by 10%, it is **406A59**.

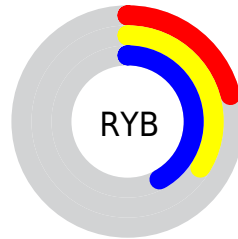
Distribution



Red (21%)

Green (42%)

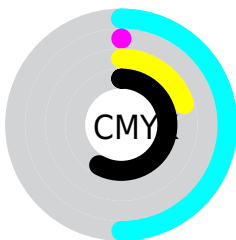
Blue (33%)



Red (21%)

Yellow (34%)

Blue (42%)

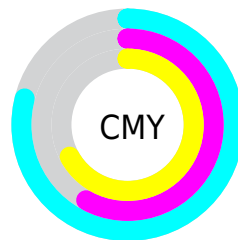


Cyan (50%)

Magenta (0%)

Yellow (20%)

Black (58%)



Cyan (79%)

Magenta (58%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356A55 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 356A55 by changing the saturation by 10% instead.



356A55



356A55

FFFFFF



1C523E



679E87



003A28



81B9A1



002414



9CD5BC



000500



B8F1D8



000000



D4FFF4



F0FFFF



356A55



356A55



2A6A51



406A59

■ 206A4D

■ 4A6A5D

■ 156A48

■ 556A62

■ 0B6A44

■ 5F6A66

■ 006A40

■ 6A6A6A

■ 756A6E

■ 7F6A72

■ 8A6A77

■ 946A7B

Harmonies

Analogous

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



4E6743



356A55



1B6B69

Triad

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



356A55



545F86



835545

Complementary

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



356A55



6A354A

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.



875157



356A55



6F587C

Square

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



356A55



336586



80526B



765B3A

Rectangle

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



356A55



126A76



80526B



85534B

Sweetspot

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



356A55



758A82



4A6A35



384540



C4C4C4



454545

Same Dimension

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



356A55



378A69



35656A



303633



007547



00F594

Inverse Universe

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



6A354A



8A3758



6A3A35



363032



75002E



F50061

Previews

White Background



This preview shows how the Hex color 356A55 looks on a white background.

Color Contrast Check

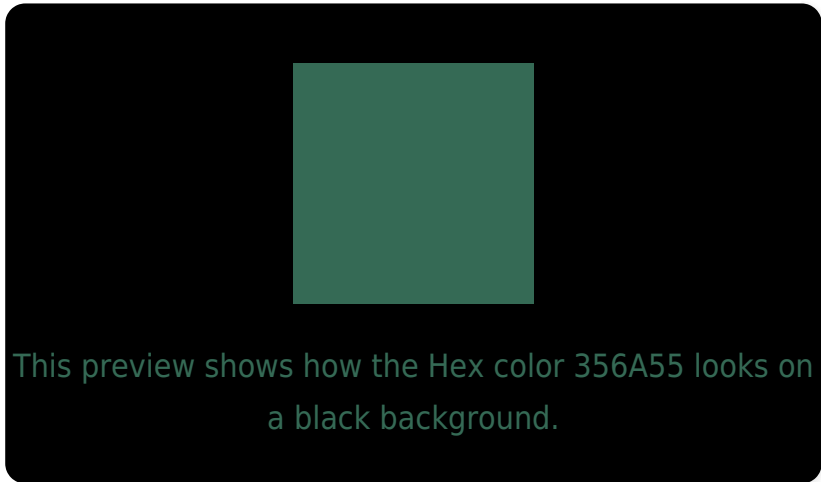
Large Text (above 18pt) WCAG AA ✓ Pass

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 356A55 Background



This preview shows how black text looks on a background with the Hex color 356A55.



This preview shows how white text looks on a background with the Hex color 356A55.

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
356A55

Protanopia
655F50

Deuteranopia
6C5C58



Tritanopia
3C666F

Trichromacy



Original Color
356A55

Protanomaly
546352

Deuteranomaly
586157

Tritanomaly
396766

Monochromacy



Original Color
356A55

Achromatopsia
585858

Achromatomaly
4B5F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 356A55 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 #356A55 looks like.

```
.text, #text, p{  
    color:#356A55  
}
```

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 #356A55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356A55
}
```

Border

The CSS property to change the border of an element to Hex 356A55 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
#356A55 }
```

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

```
.border{ border-color:#356A55 }
```

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

Here you see how a box with a 4 pixel #356A55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356A55; -webkit-box-shadow:4px 4px  
4px 4px #356A55; box-shadow:4px 4px 4px  
4px #356A55 }
```

Background

The CSS property to change the background color of an element to Hex 356A55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356A55 }
```

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

```
.background{ background-color:#356A55 }
```

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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