

Converting Colors

Hex(356100)

Have a look what the booklet for
Hex(356100) contains.

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Color

Hex(356100)

Conversions

Conversions Part 1

Format	Color
Hex	356100
RGB	53, 97, 0
RGB Percent	21%, 38%, 0%
CMY	0.7922, 0.6196, 1.0000
CMYK	0.45, 0.00, 1.00, 0.62
HSL	87°, 100%, 19%
HSV	87°, 100%, 38%
XYZ	5.7429, 9.3063, 1.4936
YIQ	72.7860, 4.9130, -39.4950

Conversions

Conversions Part 2

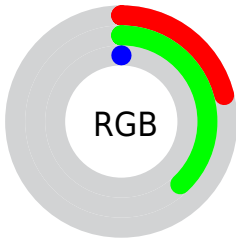
Format	Color
RYB	0, 97, 44
Decimal	3498240
CIELab	36.57, -30.38, 42.76
CIElCh	37, 52.453, 125.397
Yxy	9.3063, 0.3472, 0.5626
Android (android.graphics.Color)	4281688320 (0xFF356100)
YUV	72.7860, -35.8835, -17.3523
Hunter-Lab	30.5062, -19.7826, 18.4514

Details

The Hex color **356100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C0061**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **699438**, and **003200** is the 20% darker color. If you saturate the color by 10%, you get **356100**, and if you desaturate by 10%, it is **39610A**.

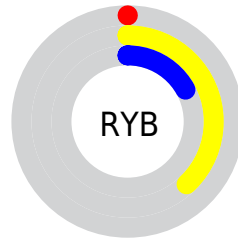
Distribution



Red (21%)

Green (38%)

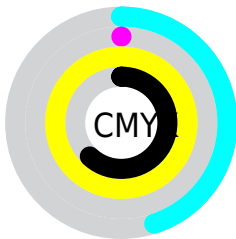
Blue (0%)



Red (0%)

Yellow (38%)

Blue (17%)

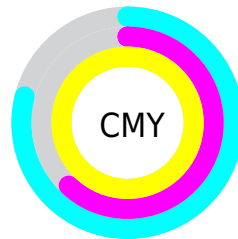


Cyan (45%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (79%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356100 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 356100 by changing the saturation by 10% instead.

 356100

 356100

 FFFFF5

 1C4900

 699438

 003200

 83AF51

 001F00

 9FCA6B

 000000

 BAE785

 D7FFA0

 F4FFBC

 FFFFD8

 356100

 39610A

 3E6113

 42611D

 476127

 4B6131

 4F613A

 546144

 58614E

 5D6157

Harmonies

Analogous

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



625700



356100



006631

Triad

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



356100



0064A3



9F2550

Complementary

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



356100



2C0061

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.



8E317A



356100



0059AB

Square

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



356100



006886



5F479B



9A3228

Rectangle

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



356100



00684E



5F479B



9C265E

Sweetspot

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



356100



6C7D57



612C00



354029



BFBFBF



404040

Same Dimension

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



356100



447D00



056100



2E302C



3D7000



83F000

Inverse Universe

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



2C0061



39007D



5C0061



2E2C30



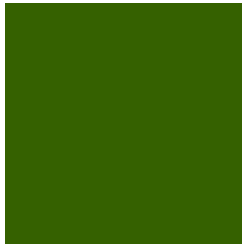
330070



6D00F0

Previews

White Background



This preview shows how the Hex color 356100 looks on a white background.

Color Contrast Check

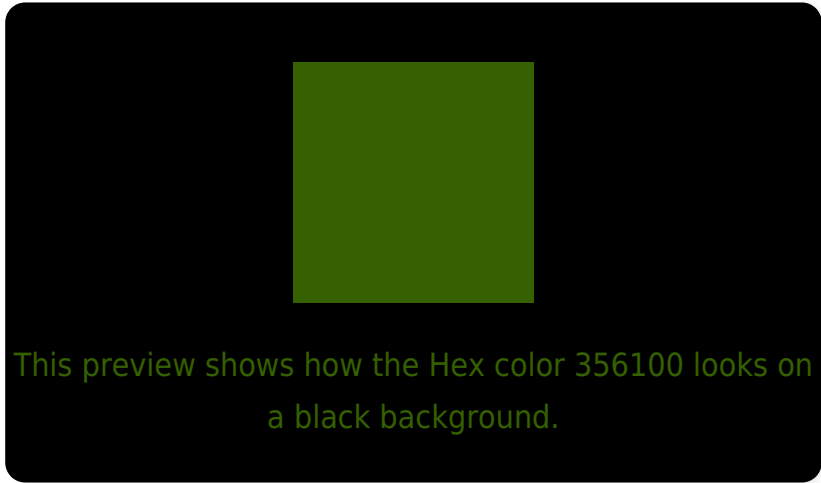
Large Text (above 18pt) WCAG AA ✓ Pass

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 356100 Background



This preview shows how black text looks on a background with the Hex color 356100.



This preview shows how white text looks on a background with the Hex color 356100.

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
356100

Protanopia
615600

Deuteranopia
6C5114



Tritanopia
415A61

Trichromacy



Original Color
356100

Protanomaly
515A00

Deuteranomaly
58570D

Tritanomaly
3D5D3E

Monochromacy



Original Color
356100

Achromatopsia
494949

Achromatomaly
42522E

CSS Examples

Text

The CSS property to change the color of the text to Hex 356100 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 #356100 looks like.

```
.text, #text, p{  
    color:#356100  
}
```

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 #356100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356100
}
```

Border

The CSS property to change the border of an element to Hex 356100 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
#356100 }
```

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

```
.border{ border-color:#356100 }
```

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

Here you see how a box with a 4 pixel #356100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356100; -webkit-box-shadow:4px 4px  
4px 4px #356100; box-shadow:4px 4px 4px  
4px #356100 }
```

Background

The CSS property to change the background color of an element to Hex 356100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356100 }
```

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

```
.background{ background-color:#356100 }
```

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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