

Converting Colors

Hex(356456)

Have a look what the booklet for
Hex(356456) contains.

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Color

Hex(356456)

Conversions

Conversions Part 1

Format	Color
Hex	356456
RGB	53, 100, 86
RGB Percent	21%, 39%, 34%
CMY	0.7922, 0.6078, 0.6627
CMYK	0.47, 0.00, 0.14, 0.61
HSL	162°, 31%, 30%
HSV	162°, 47%, 39%
XYZ	7.7051, 10.5431, 10.4330
YIQ	84.3510, -23.5180, -14.3180

Conversions

Conversions Part 2

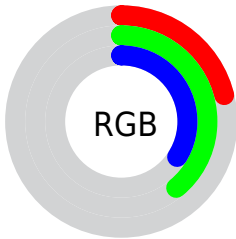
Format	Color
R_{YB}	53, 81, 100
Decimal	3499094
CIE _{Lab}	38.80, -19.81, 2.96
CIE _{LCh}	39, 20.031, 171.493
Yxy	10.5431, 0.2686, 0.3676
Android (android.graphics.Color)	4281689174 (0xFF356456)
YUV	84.3510, 0.8130, -27.4948
Hunter-Lab	32.4702, -14.4652, 3.6786




Details

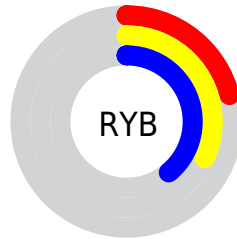
The Hex color **356456** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **643543**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **679788**, and **013529** is the 20% darker color. If you saturate the color by 10%, you get **2B6453**, and if you desaturate by 10%, it is **3F6459**.

Distribution







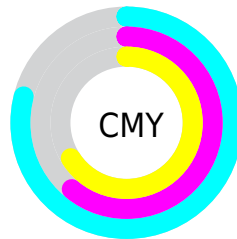
-  Red (21%)
-  Green (39%)
-  Blue (34%)






-  Red (21%)
-  Yellow (32%)
-  Blue (39%)



-  Cyan (47%)
-  Magenta (0%)
-  Yellow (14%)
-  Black (61%)



-  Cyan (79%)
-  Magenta (61%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356456 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 356456 by changing the saturation by 10% instead.

 356456

 356456

FFFFFF

 1C4C3F

 679788

 013529

 81B2A2

 002015

 9BCEBD

 000000

 B7EAD9

 D3FFF5

 EFFFFFF

 356456

 356456

 2B6453

 3F6459

■ 216450

■ 49645C

■ 17644D

■ 53645F

■ 0D644A

■ 5D6462

■ 036447

■ 676465

■ 006446

■ 716468

■ 7B646B

■ 85646E

■ 8F6471

Harmonies

Analogous

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



486247



356456



276467

Triad

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



356456



575979



775343

Complementary

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



356456



643543

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.



7C5050



356456



6C5370

Square

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



356456



3F5E7B



785061



6B593B

Rectangle

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



356456



266370



785061



795247

Sweetspot

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



356456



70827D



436435



37423F



C2C2C2



424242

Same Dimension

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



356456



39826C



355B64



2E3331



007351



00F2AA

Inverse Universe

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



643543



82394F



643E35



332E2F



730022



F20048

Previews

White Background



This preview shows how the Hex color 356456 looks on a white background.

Color Contrast Check

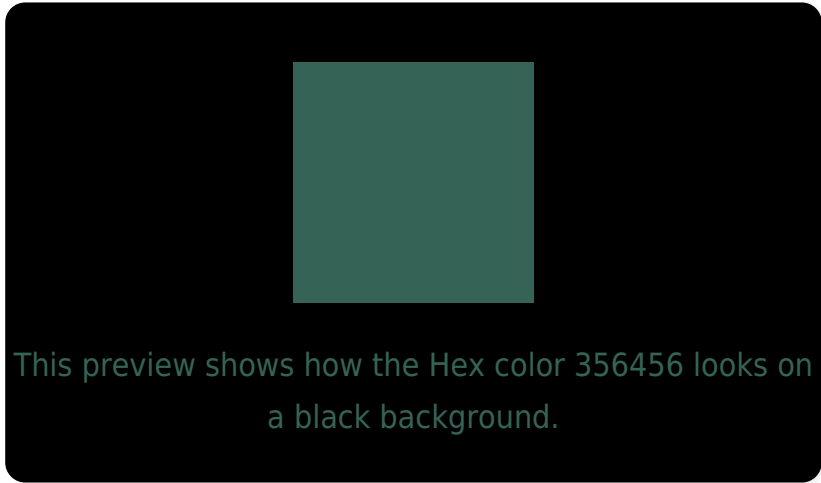
Large Text (above 18pt) WCAG AA ✓ Pass

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

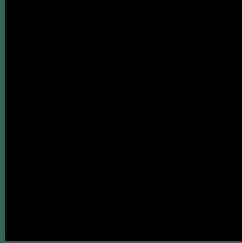
Any Text WCAG AA × Fail

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 356456 Background



This preview shows how black text looks on a background with the Hex color 356456.



This preview shows how white text looks on a background with the Hex color 356456.

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
356456

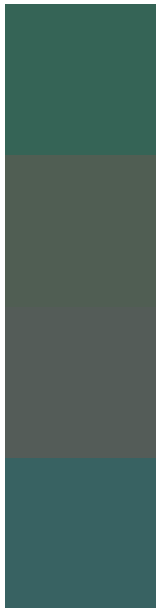
Protanopia
5F5B51

Deuteranopia
655859



Tritanopia
3A6169

Trichromacy



Original Color
356456

Protanomaly
505E53

Deuteranomaly
545C58

Tritanomaly
386262

Monochromacy



Original Color
356456

Achromatopsia
545454

Achromatomaly
495A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 356456 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 #356456 looks like.

```
.text, #text, p{  
    color:#356456  
}
```

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 #356456 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356456  
}
```

Border

The CSS property to change the border of an element to Hex 356456 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  
#356456 }
```

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

```
.border{ border-color:#356456 }
```

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

Here you see how a box with a 4 pixel #356456 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356456; -webkit-box-shadow:4px 4px  
4px 4px #356456; box-shadow:4px 4px 4px  
4px #356456 }
```

Background

The CSS property to change the background color of an element to Hex 356456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356456 }
```

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

```
.background{ background-color:#356456 }
```

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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