

Converting Colors

Decimal(3476757)

Have a look what the booklet for
Decimal(3476757) contains.

Decimal(3476757)	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

Decimal(3476757)

Conversions

Conversions Part 1

Format	Color
Hex	350D15
RGB	53, 13, 21
RGB Percent	21%, 5%, 8%
CMY	0.7922, 0.9490, 0.9176
CMYK	0.00, 0.75, 0.60, 0.79
HSL	348°, 61%, 13%
HSV	348°, 75%, 21%
XYZ	1.7475, 1.0989, 0.8295
YIQ	25.8720, 21.2720, 10.9680

Conversions

Conversions Part 2

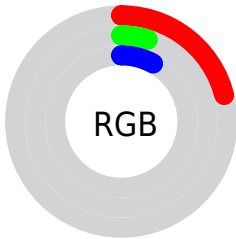
Format	Color
R_{YB}	53, 13, 21
Decimal	3476757
CIE Lab	9.79, 20.80, 5.01
CIE LCh	10, 21.400, 13.550
Yxy	1.0989, 0.4754, 0.2989
Android (android.graphics.Color)	4281666837 (0xFF350D15)
YUV	25.8720, -2.4019, 23.7913
Hunter-Lab	10.4827, 11.4114, 2.6465

Details

The Decimal color **3476757** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **865581**, and the grayscale version is **1710618**.

A 20% lighter version of the original color is **6699327**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **3475473**, and if you desaturate by 10%, it is **3478041**.

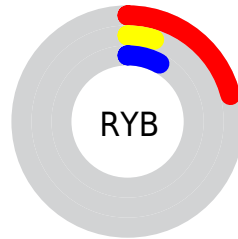
Distribution



Red (21%)

Green (5%)

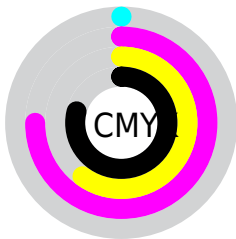
Blue (8%)



Red (21%)

Yellow (5%)

Blue (8%)

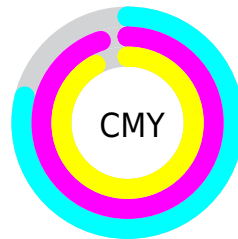


Cyan (0%)

Magenta (75%)

Yellow (60%)

Black (79%)



Cyan (79%)

Magenta (95%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3476757 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 Decimal color 3476757 by changing the saturation by 10% instead.

■ 3476757

■ 3476757

■ 16773365

■ 2228225

■ 6699327

■ 0

■ 8409430

■ 10185071

■ 11961224

■ 13868450

■ 15710397

■ 16766169

■ 3476757

■ 3476757

■ 3475473

■ 3478041

■ 3473933

■ 3479581

■ 3473419

■ 3480866

■ 3482150

■ 3483690

■ 3484974

■ 3486259

■ 3487543

■ 3489083

Harmonies

Analogous

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



3214884



3476757



3281153

Triad

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



3476757



925696



7991

Complementary

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



3476757



865581

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.



8495



3476757



8722

Square

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



3476757



1907712



8737



596535

Rectangle

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



3476757



2954496



8737



8245

Sweetspot

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



3476757



4535608



2952501



2365980



10724259



2368548

Same Dimension

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



3476757



4523539



3479821



1709847



5832722



14221355

Inverse Universe

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



3476757



4523539



862517



1709847



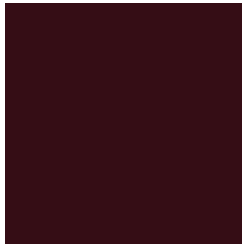
5832722



14221355

Previews

White Background



This preview shows how the Decimal color 3476757 looks on a white background.

Color Contrast Check

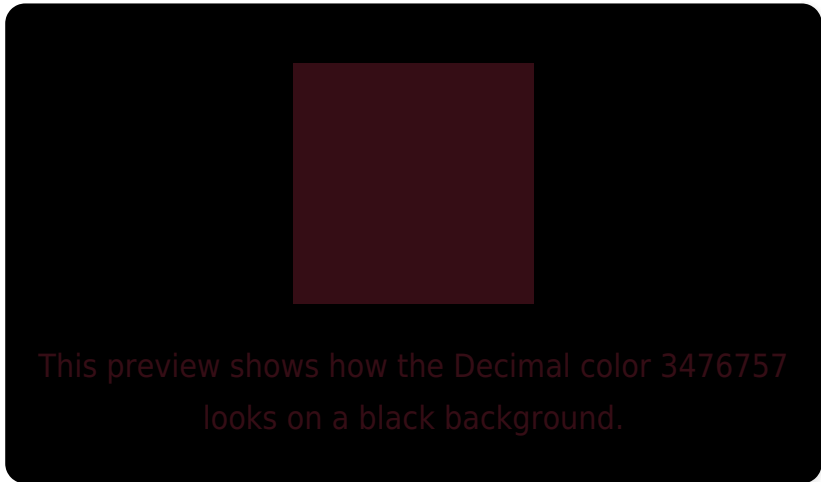
Large Text (above 18pt) WCAG AA ✓ Pass

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

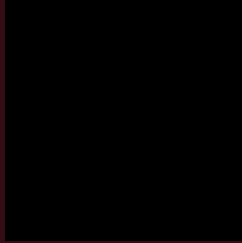
Any Text WCAG AA × Fail

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](#).

Decimal 3476757 Background



This preview shows how black text looks on a background with the Decimal color 3476757.

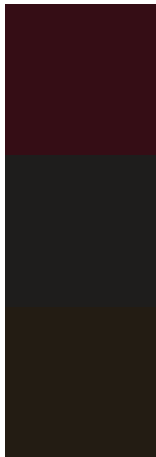


This preview shows how white text looks on a background with the Decimal color 3476757.

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
3476757

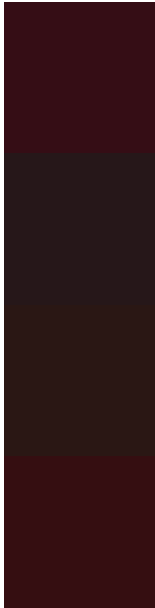
Protanopia
1973532

Deuteranopia
2300947



Tritanopia
3477007

Trichromacy



Original Color

3476757

Protanomaly

2496281

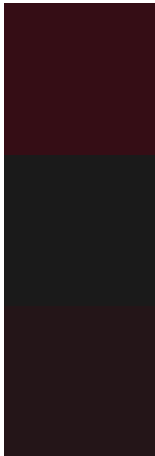
Deuteranomaly

2758420

Tritanomaly

3477009

Monochromacy



Original Color

3476757

Achromatopsia

1710618

Achromatomaly

2364696

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3476757 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 #350D15 looks like.

```
.text, #text, p{  
    color:#350D15  
}
```

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 #350D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #350D15
}
```

Border

The CSS property to change the border of an element to Decimal 3476757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

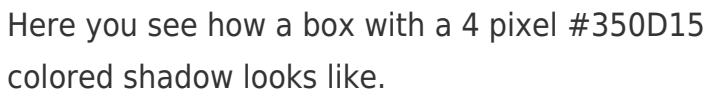
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#350D15 }
```

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

```
.border{ border-color:#350D15 }
```

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



Here you see how a box with a 4 pixel #350D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #350D15; -webkit-box-shadow:4px 4px  
4px 4px #350D15; box-shadow:4px 4px 4px  
4px #350D15 }
```

Background

The CSS property to change the background color of an element to Decimal 3476757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#350D15 }
```

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

```
.background{ background-color:#350D15 }
```

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