

Converting Colors

Decimal(4355328)

Have a look what the booklet for
Decimal(4355328) contains.

Decimal(4355328)	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(4355328)

Conversions

Conversions Part 1

Format	Color
Hex	427500
RGB	66, 117, 0
RGB Percent	26%, 46%, 0%
CMY	0.7412, 0.5412, 1.0000
CMYK	0.44, 0.00, 1.00, 0.54
HSL	86°, 100%, 23%
HSV	86°, 100%, 46%
XYZ	8.6081, 13.8808, 2.2256
YIQ	88.4130, 7.1610, -47.1990

Conversions

Conversions Part 2

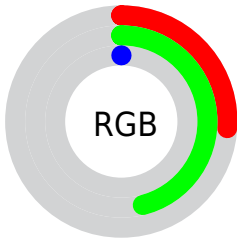
Format	Color
RYB	0, 117, 51
Decimal	4355328
CIELab	44.06, -34.35, 48.87
CIElCh	44, 59.733, 125.100
Yxy	13.8808, 0.3483, 0.5616
Android (android.graphics.Color)	4282545408 (0xFF427500)
YUV	88.4130, -43.5876, -19.6562
Hunter-Lab	37.2570, -23.9581, 22.5382

Details

The Decimal color **4355328** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3342453**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **7842366**, and **410624** is the 20% darker color. If you saturate the color by 10%, you get **4355328**, and if you desaturate by 10%, it is **4683020**.

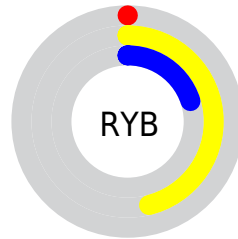
Distribution



Red (26%)

Green (46%)

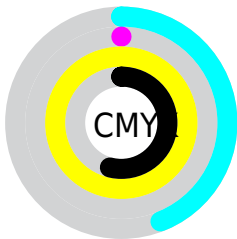
Blue (0%)



Red (0%)

Yellow (46%)

Blue (20%)

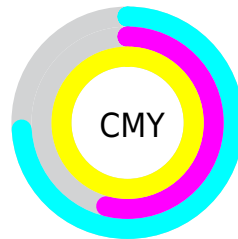


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (74%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4355328 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 4355328 by changing the saturation by 10% instead.



4355328



4355328

16777213



2579456



7842366



410624



9684312



11520



11526514



5888



13368972



0



15269800



16777156



16777184



4355328

 4683020

 5010711

 5338403

 5666095

 6059323

 6387014

 6714706

 7042398

 7370089

Harmonies

Analogous

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



7760128



4355328



31804

Triad

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



4355328



30914



12463970

Complementary

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



4355328



3342453

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.



11091347



4355328



27852

Square

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



4355328



32416



7493562



12140082

Rectangle

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



4355328



32350



7493562



12267635

Sweetspot

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



4355328



8755563



7680768



4214065



13421772



5066061

Same Dimension

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



4355328



5675264



554240



3685173



4553216



9304576

Inverse Universe

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



3342453



4391065



7143541



3618107



3473530



7143674

Previews

White Background



This preview shows how the Decimal color 4355328 looks on a white background.

Color Contrast Check

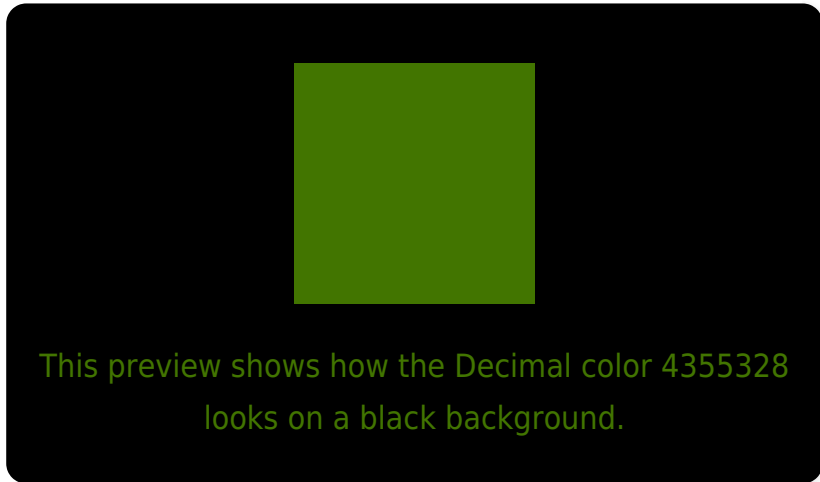
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 4355328 Background



This preview shows how black text looks on a background with the Decimal color 4355328.



This preview shows how white text looks on a background with the Decimal color 4355328.

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
4355328

Protanopia
7694336

Deuteranopia
8610583



Tritanopia
5270901

Trichromacy



Original Color
4355328

Protanomaly
6450432

Deuteranomaly
7039503

Tritanomaly
4943946

Monochromacy



Original Color
4355328

Achromatopsia
5789784

Achromatomaly
5268280

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4355328 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 #427500 looks like.

```
.text, #text, p{  
    color:#427500  
}
```

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 #427500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427500
}
```

Border

The CSS property to change the border of an element to Decimal 4355328 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
#427500 }
```

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

```
.border{ border-color:#427500 }
```

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

Here you see how a box with a 4 pixel #427500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427500; -webkit-box-shadow:4px 4px  
4px 4px #427500; box-shadow:4px 4px 4px  
4px #427500 }
```

Background

The CSS property to change the background color of an element to Decimal 4355328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427500 }
```

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

```
.background{ background-color:#427500 }
```

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