

Converting Colors

Decimal(3495245)

Have a look what the booklet for
Decimal(3495245) contains.

Decimal(3495245)	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(3495245)

Conversions

Conversions Part 1

Format	Color
Hex	35554D
RGB	53, 85, 77
RGB Percent	21%, 33%, 30%
CMY	0.7922, 0.6667, 0.6980
CMYK	0.38, 0.00, 0.09, 0.67
HSL	165°, 23%, 27%
HSV	165°, 38%, 33%
XYZ	6.0563, 7.7897, 8.2055
YIQ	74.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

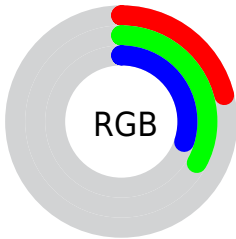
Format	Color
RYB	53, 71, 85
Decimal	3495245
CIELab	33.54, -13.83, 0.94
CIELCh	34, 13.864, 176.124
Yxy	7.7897, 0.2746, 0.3533
Android (android.graphics.Color)	4281685325 (0xFF35554D)
YUV	74.5200, 1.2226, -18.8730
Hunter-Lab	27.9100, -10.1095, 2.1058

Details

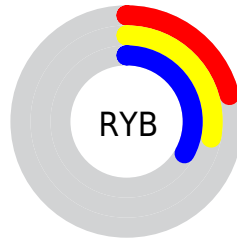
The Decimal color **3495245** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5584189**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **6653822**, and **469025** is the 20% darker color. If you saturate the color by 10%, you get **2970955**, and if you desaturate by 10%, it is **4019535**.

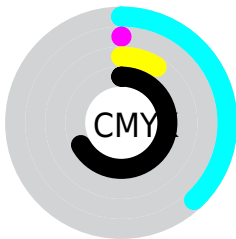
Distribution



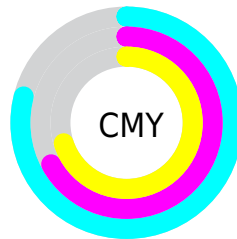
- Red (21%)
- Green (33%)
- Blue (30%)



- Red (21%)
- Yellow (28%)
- Blue (33%)



- Cyan (38%)
- Magenta (0%)
- Yellow (9%)
- Black (67%)



- Cyan (79%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3495245 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 3495245 by changing the saturation by 10% instead.



3495245



3495245

16777215



1982006



6653822



469025



8364440



5130



10075314



0



11851982



13694186



15532031



3495245



3495245



2970955



4019535

■ 2381129

■ 4609361

■ 1856839

■ 5133651

■ 1267012

■ 5723477

■ 677186

■ 6247768

■ 152896

■ 6837594

■ 21824

■ 7427420

■ 7951710

■ 8476000

Harmonies

Analogous

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



4215874



3495245



3102040

Triad

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



3495245



5197154



6375997

Complementary

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



3495245



5584189

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.



6637638



3495245



6048091

Square

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



3495245



4214885



6571857



5787193

Rectangle

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



3495245



3232862



6571857



6506816

Sweetspot

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



3495245



6450795



4019509



3225654



12105912



3684408

Same Dimension

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



3495245



3960417



3493205



2566954



27472



60336

Inverse Universe

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



5584189



7224393



5586229



2828072



7012379



15401019

Previews

White Background



This preview shows how the Decimal color 3495245 looks on a white background.

Color Contrast Check

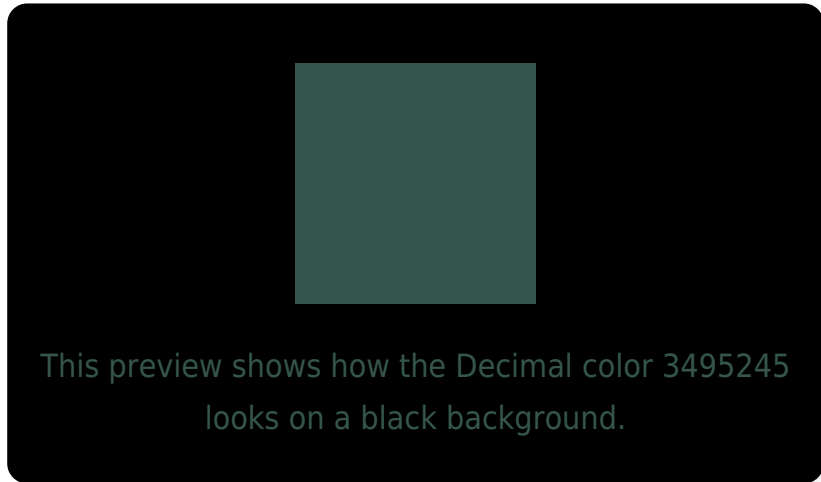
Large Text (above 18pt) WCAG AA ✓ Pass

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

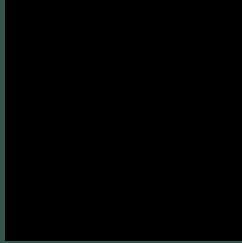
Any Text WCAG AA × Fail

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 3495245 Background



This preview shows how black text looks on a background with the Decimal color 3495245.



This preview shows how white text looks on a background with the Decimal color 3495245.

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

3495245

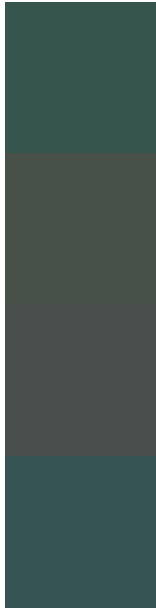
Protanopia

5328457

Deuteranopia

5655631

Trichromacy



Original Color
3495245

Protanomaly
4673866

Deuteranomaly
4869966

Tritanomaly
3626069

Monochromacy



Original Color
3495245

Achromatopsia
4934475

Achromatomaly
4411212

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3495245 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 #35554D looks like.

```
.text, #text, p{  
    color:#35554D  
}
```

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 #35554D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35554D
}
```

Border

The CSS property to change the border of an element to Decimal 3495245 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
#35554D }
```

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

```
.border{ border-color:#35554D }
```

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

Here you see how a box with a 4 pixel #35554D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35554D; -webkit-box-shadow:4px 4px  
4px 4px #35554D; box-shadow:4px 4px 4px  
4px #35554D }
```

Background

The CSS property to change the background color of an element to Decimal 3495245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35554D }
```

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

```
.background{ background-color:#35554D }
```

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