

Converting Colors

Decimal(3495048)

Have a look what the booklet for
Decimal(3495048) contains.

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Color

Decimal(3495048)

Conversions

Conversions Part 1

Format	Color
Hex	355488
RGB	53, 84, 136
RGB Percent	21%, 33%, 53%
CMY	0.7922, 0.6706, 0.4667
CMYK	0.61, 0.38, 0.00, 0.47
HSL	218°, 44%, 37%
HSV	218°, 61%, 53%
XYZ	9.0825, 8.8751, 24.5269
YIQ	80.6590, -35.1680, 9.6000

Conversions

Conversions Part 2

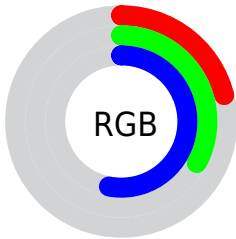
Format	Color
R_{YB}	53, 76, 136
Decimal	3495048
CIE Lab	35.74, 5.56, -32.48
CIE LCh	36, 32.952, 279.717
Yxy	8.8751, 0.2138, 0.2089
Android (android.graphics.Color)	4281685128 (0xFF355488)
YUV	80.6590, 27.2831, -24.2569
Hunter-Lab	29.7911, 2.2851, -27.9595




Details

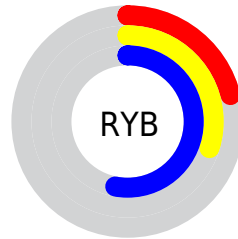
The Decimal color **3495048** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8939829**, and the grayscale version is **5263440**.



A 20% lighter version of the original color is **7046590**, and **10326** is the 20% darker color. If you saturate the color by 10%, you get **2575240**, and if you desaturate by 10%, it is **4414856**.

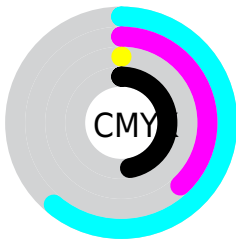
Distribution







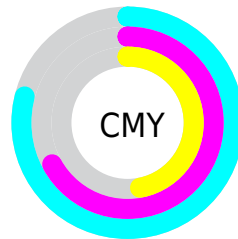
-  Red (21%)
-  Green (33%)
-  Blue (53%)






-  Red (21%)
-  Yellow (30%)
-  Blue (53%)



-  Cyan (61%)
-  Magenta (38%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (79%)
-  Magenta (67%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3495048 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 3495048 by changing the saturation by 10% instead.

■ 3495048

■ 3495048

16777215

■ 1457518

■ 7046590

■ 10326

■ 8822746

■ 4926

■ 10599158

■ 808

■ 12441343

■ 274

■ 14349055

■ 0

■ 16252927

■ 3495048

■ 3495048

■ 2575240

■ 4414856

■ 1721224

■ 5268872

■ 801416

■ 6188680

■ 13192

■ 7042696

■ 7962504

■ 8882056

■ 9736328

■ 10655880

■ 11510152

Harmonies

Analogous

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



23685



3495048



6376061

Triad

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



3495048



8471348



1269825

Complementary

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



3495048



8939829

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.



4086826



3495048



7490594

Square

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



3495048



8731980



5985565



24924

Rectangle

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



3495048



7619439



5985565



2514744

Sweetspot

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



3495048



9477296



3508328



4607321



14277081



5855577

Same Dimension

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



3495048



3170224



4142472



4079941



12933



517

Inverse Universe

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



8926548



11546719



8292405



4537921



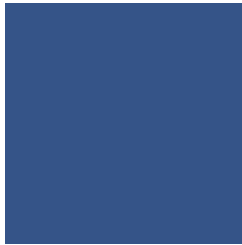
8716338



327682

Previews

White Background



This preview shows how the Decimal color 3495048 looks on a white background.

Color Contrast Check

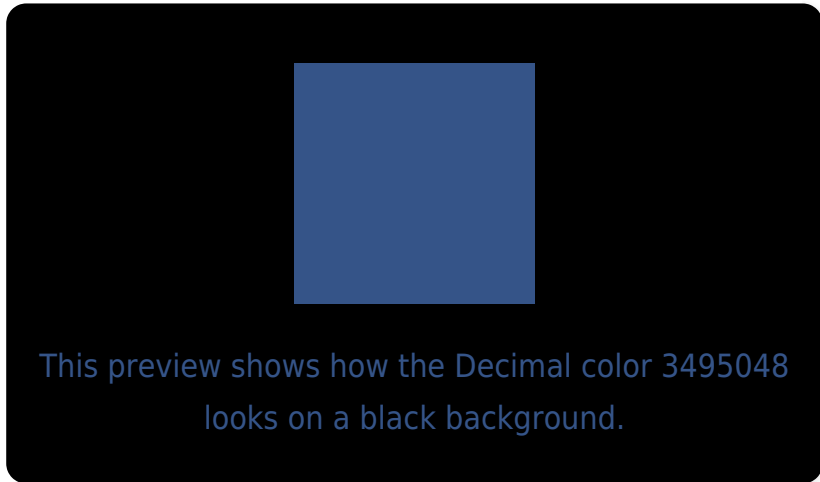
Large Text (above 18pt) WCAG AA ✓ Pass

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 3495048 Background



This preview shows how black text looks on a background with the Decimal color 3495048.



This preview shows how white text looks on a background with the Decimal color 3495048.

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
3495048

Protanopia
4215430

Deuteranopia
3429512



Tritanopia
2382947

Trichromacy



Original Color
3495048

Protanomaly
3953543

Deuteranomaly
3429512

Tritanomaly
2775408

Monochromacy



Original Color
3495048

Achromatopsia
5329233

Achromatomaly
4674149

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3495048 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 #355488 looks like.

```
.text, #text, p{  
    color:#355488  
}
```

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 #355488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355488
}
```

Border

The CSS property to change the border of an element to Decimal 3495048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

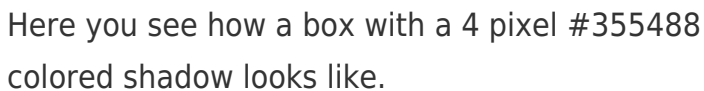
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#355488 }
```

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

```
.border{ border-color:#355488 }
```

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



Here you see how a box with a 4 pixel #355488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355488; -webkit-box-shadow:4px 4px  
4px 4px #355488; box-shadow:4px 4px 4px  
4px #355488 }
```

Background

The CSS property to change the background color of an element to Decimal 3495048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355488 }
```

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

```
.background{ background-color:#355488 }
```

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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