

Converting Colors

Decimal(3490170)

Have a look what the booklet for
Decimal(3490170) contains.

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Color

Decimal(3490170)

Conversions

Conversions Part 1

Format	Color
Hex	35417A
RGB	53, 65, 122
RGB Percent	21%, 25%, 48%
CMY	0.7922, 0.7451, 0.5216
CMYK	0.57, 0.47, 0.00, 0.52
HSL	230°, 39%, 34%
HSV	230°, 57%, 48%
XYZ	6.8713, 5.9426, 19.1972
YIQ	67.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

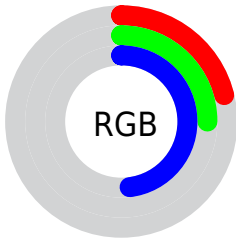
Format	Color
RYB	53, 63, 122
Decimal	3490170
CIELab	29.27, 13.17, -34.10
CIELCh	29, 36.557, 291.123
Yxy	5.9426, 0.2147, 0.1856
Android (android.graphics.Color)	4281680250 (0xFF35417A)
YUV	67.9100, 26.6664, -13.0761
Hunter-Lab	24.3775, 7.6537, -29.6265

Details

The Decimal color **3490170** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8023605**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **6910383**, and **5961** is the 20% darker color. If you saturate the color by 10%, you get **2701178**, and if you desaturate by 10%, it is **4279162**.

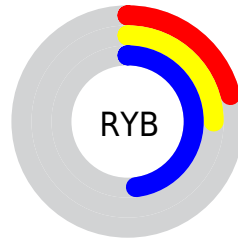
Distribution



 Red (21%)

 Green (25%)

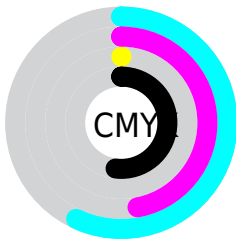
 Blue (48%)




 Red (21%)

 Yellow (25%)

 Blue (48%)

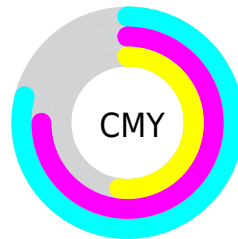


 Cyan (57%)

 Magenta (47%)

 Yellow (0%)

 Black (52%)



 Cyan (79%)

 Magenta (75%)

 Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3490170 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 3490170 by changing the saturation by 10% instead.

■ 3490170

■ 3490170

16777215

■ 1649505

■ 6910383

■ 5961

■ 8686282

■ 50

■ 10462439

■ 284

■ 12304383

■ 0

■ 14146559

■ 16054527

■ 3490170

■ 3490170

■ 2701178

■ 4279162

■ 1912186

■ 5068154

■ 1057658

■ 5922682

■ 268666

■ 6711674

■ 5498

■ 7500666

■ 8289658

■ 9078906

■ 9933434

■ 10722426

Harmonies

Analogous

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



19325



3490170



6239337

Triad

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



3490170



7222553



21051

Complementary

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



3490170



8023605

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.



1855263



3490170



5914886

Square

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



3490170



7875378



4213257



21081

Rectangle

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



3490170



7286104



4213257



20786

Sweetspot

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



3490170



8620190



3504749



4145743



13619151



5197647

Same Dimension

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



3490170



3360158



4928890



3618877



5757



11516

Inverse Universe

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



8009025



10367813



6584885



4011832



8192022



16515116

Previews

White Background



This preview shows how the Decimal color 3490170 looks on a white background.

Color Contrast Check

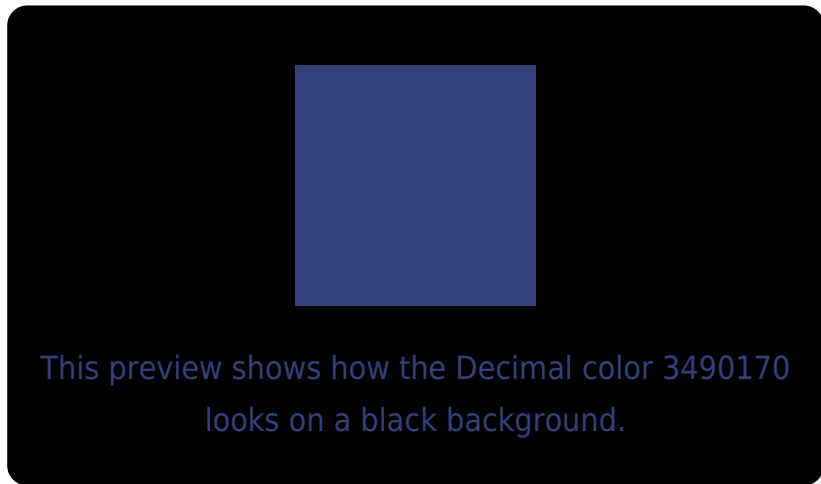
Large Text (above 18pt) WCAG AA ✓ Pass

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 3490170 Background



This preview shows how black text looks on a background with the Decimal color 3490170.



This preview shows how white text looks on a background with the Decimal color 3490170.

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

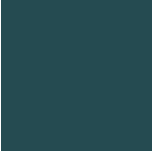
3490170

Protanopia

2704252

Deuteranopia

1656441



Tritanopia
2444113

Trichromacy



Original Color
3490170

Protanomaly
2966139

Deuteranomaly
2311289

Tritanomaly
2836320

Monochromacy



Original Color
3490170

Achromatopsia
4473924

Achromatomaly
4146008

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3490170 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 #35417A looks like.

```
.text, #text, p{  
    color:#35417A  
}
```

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 #35417A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35417A
}
```

Border

The CSS property to change the border of an element to Decimal 3490170 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
#35417A }
```

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

```
.border{ border-color:#35417A }
```

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

Here you see how a box with a 4 pixel #35417A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35417A; -webkit-box-shadow:4px 4px  
4px 4px #35417A; box-shadow:4px 4px 4px  
4px #35417A }
```

Background

The CSS property to change the background color of an element to Decimal 3490170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35417A }
```

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

```
.background{ background-color:#35417A }
```

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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