

Converting Colors

Decimal(3550838)

Have a look what the booklet for
Decimal(3550838) contains.

Decimal(3550838)	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(3550838)

Conversions

Conversions Part 1

Format	Color
Hex	362E76
RGB	54, 46, 118
RGB Percent	21%, 18%, 46%
CMY	0.7882, 0.8196, 0.5373
CMYK	0.54, 0.61, 0.00, 0.54
HSL	247°, 44%, 32%
HSV	247°, 61%, 46%
XYZ	5.7683, 4.0463, 17.6165
YIQ	56.6000, -18.3440, 24.0880

Conversions

Conversions Part 2

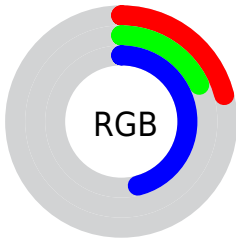
Format	Color
R_{YB}	54, 46, 118
Decimal	3550838
CIE _{Lab}	23.82, 24.84, -40.32
CIE _{LCh}	24, 47.354, 301.632
Yxy	4.0463, 0.2103, 0.1475
Android (android.graphics.Color)	4281740918 (0xFF362E76)
YUV	56.6000, 30.2702, -2.2802
Hunter-Lab	20.1153, 15.9853, -37.8440




Details

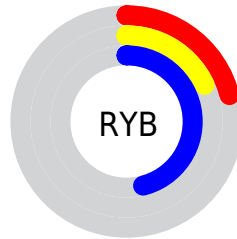
The Decimal color **3550838** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7239214**, and the grayscale version is **3684408**.




A 20% lighter version of the original color is **6970539**, and **325** is the 20% darker color. If you saturate the color by 10%, you get **2892406**, and if you desaturate by 10%, it is **4209270**.

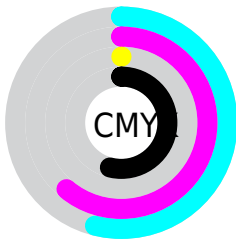
Distribution







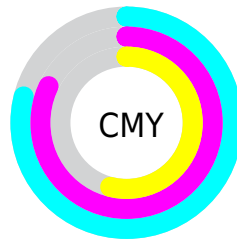
-  Red (21%)
-  Green (18%)
-  Blue (46%)






-  Red (21%)
-  Yellow (18%)
-  Blue (46%)



-  Cyan (54%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (79%)
-  Magenta (82%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3550838 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 3550838 by changing the saturation by 10% instead.

■ 3550838

■ 3550838

16777215

■ 1710429

■ 6970539

■ 325

■ 8746438

■ 814

■ 10522595

■ 280

■ 12364287

■ 0

■ 14271743

■ 16179711

■ 16776703

■ 3550838

■ 3550838

■ 2892406

■ 4209270

■ 2168438

■ 4933238

■ 1510262

■ 5591414

■ 852086

■ 6315382

■ 6973814

■ 7697782

■ 8356214

■ 9079926

■ 9738358

Harmonies

Analogous

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



15745



3550838



6494043

Triad

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



3550838



6301952



18234

Complementary

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



3550838



7239214

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.



17684



3550838



4536320

Square

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



3550838



7475734



2179328



18269

Rectangle

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



3550838



7406916



2179328



18221

Sweetspot

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



3550838



8486297



3043190



4078669



13421772



5066061

Same Dimension

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



3550838



3549593



5844598



3487035



917626



1835258

Inverse Universe

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



7745134



10037645



4945454



3880250



7995501



16384222

Previews

White Background



This preview shows how the Decimal color 3550838 looks on a white background.

Color Contrast Check

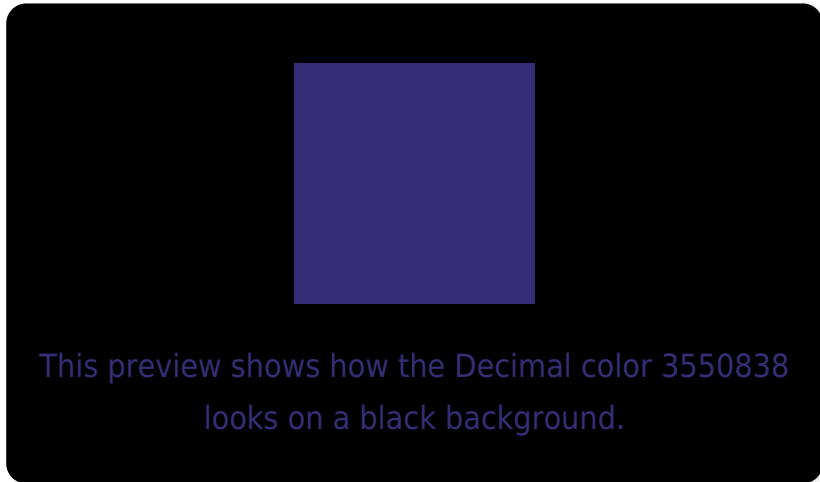
Large Text (above 18pt) WCAG AA ✓ Pass

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

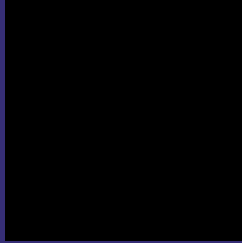
Any Text WCAG AA × Fail

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 3550838 Background



This preview shows how black text looks on a background with the Decimal color 3550838.

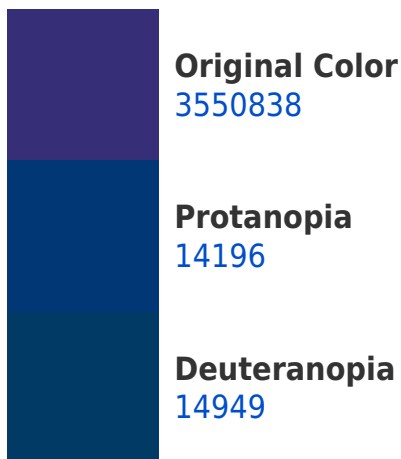


This preview shows how white text looks on a background with the Decimal color 3550838.

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





Tritanopia
2374978

Trichromacy



Original Color
3550838

Protanomaly
1324149

Deuteranomaly
1324651

Tritanomaly
2832469

Monochromacy



Original Color
3550838

Achromatopsia
3750201

Achromatomaly
3683663

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3550838 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 #362E76 looks like.

```
.text, #text, p{  
    color:#362E76  
}
```

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 #362E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #362E76
}
```

Border

The CSS property to change the border of an element to Decimal 3550838 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
#362E76 }
```

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

```
.border{ border-color:#362E76 }
```

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

Here you see how a box with a 4 pixel #362E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #362E76; -webkit-box-shadow:4px 4px  
4px 4px #362E76; box-shadow:4px 4px 4px  
4px #362E76 }
```

Background

The CSS property to change the background color of an element to Decimal 3550838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#362E76 }
```

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

```
.background{ background-color:#362E76 }
```

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