

Converting Colors

Decimal(3628913)

Have a look what the booklet for
Decimal(3628913) contains.

Decimal(3628913)	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(3628913)

Conversions

Conversions Part 1

Format	Color
Hex	375F71
RGB	55, 95, 113
RGB Percent	22%, 37%, 44%
CMY	0.7843, 0.6275, 0.5569
CMYK	0.51, 0.16, 0.00, 0.56
HSL	199°, 35%, 33%
HSV	199°, 51%, 44%
XYZ	8.6484, 10.1889, 17.1336
YIQ	85.0920, -29.6180, -2.8820

Conversions

Conversions Part 2

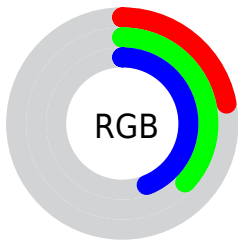
Format	Color
RYB	55, 79, 113
Decimal	3628913
CIELab	38.18, -8.64, -14.56
CIELCh	38, 16.934, 239.314
Yxy	10.1889, 0.2404, 0.2833
Android (android.graphics.Color)	4281818993 (0xFF375F71)
YUV	85.0920, 13.7586, -26.3907
Hunter-Lab	31.9201, -7.4974, -9.4809

Details

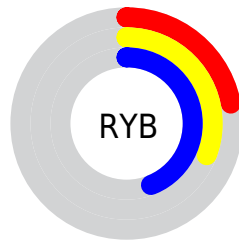
The Decimal color **3628913** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7424311**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **6984101**, and **12609** is the 20% darker color. If you saturate the color by 10%, you get **2906993**, and if you desaturate by 10%, it is **4350833**.

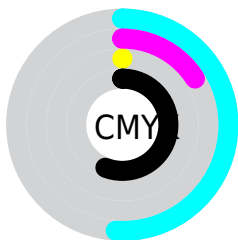
Distribution



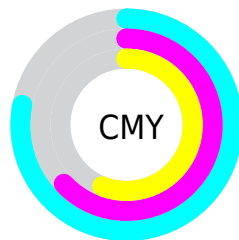
- Red (22%)
- Green (37%)
- Blue (44%)



- Red (22%)
- Yellow (31%)
- Blue (44%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (78%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3628913 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 3628913 by changing the saturation by 10% instead.

■ 3628913

■ 3628913

16777215

■ 1918808

■ 6984101

■ 12609

■ 8694976

■ 7211

■ 10471388

■ 279

■ 12313592

■ 0

■ 14155775

■ 16056319

■ 3628913

■ 3628913

■ 2906993

■ 4350833

■ 2119793

■ 5138033

■ 1397873

■ 5859953

■ 676209

■ 6581617

■ 20081

■ 7369073

■ 8090737

■ 8812657

■ 9534321

■ 10321777

Harmonies

Analogous

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



3170663



3628913



4742005

Triad

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



3628913



7622747



5594434

Complementary

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



3628913



7424311

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.



6576447



3628913



7688525

Square

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



3628913



7033448



7296067



4612171

Rectangle

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



3628913



5593204



7296067



5987392

Sweetspot

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



3628913



8293780



3633480



4015690



13224393



4868682

Same Dimension

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



3628913



3700628



3621745



3290680



21368



44023

Inverse Universe

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



7419743



9713783



7431479



3682870



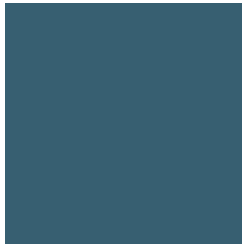
7864403



16187563

Previews

White Background



This preview shows how the Decimal color 3628913 looks on a white background.

Color Contrast Check

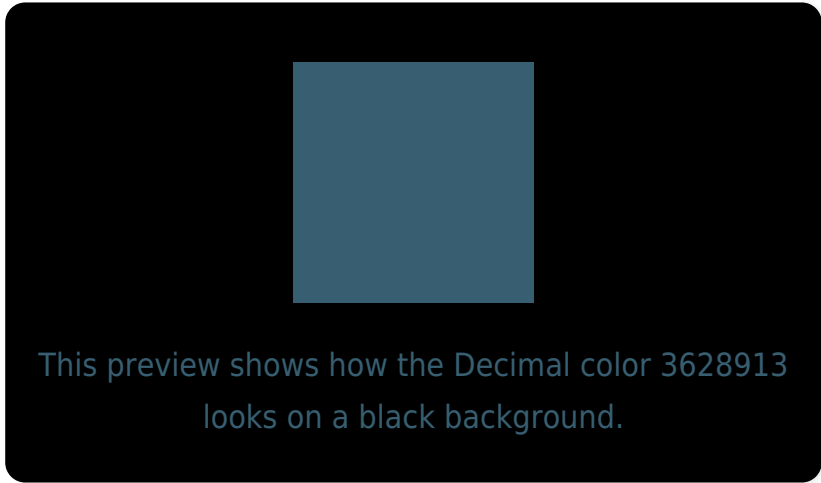
Large Text (above 18pt) WCAG AA ✓ Pass

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

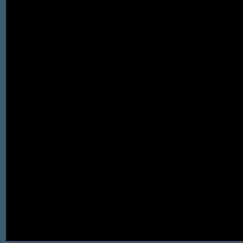
Any Text WCAG AA × Fail

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 3628913 Background



This preview shows how black text looks on a background with the Decimal color 3628913.

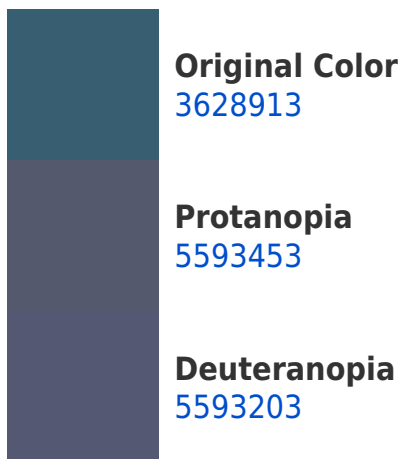


This preview shows how white text looks on a background with the Decimal color 3628913.

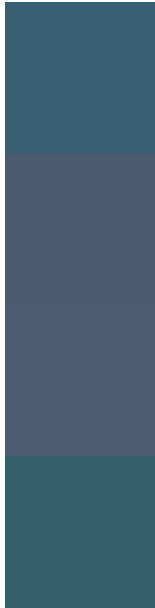
Color Blindness Simulation

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



Trichromacy



Original Color
3628913

Protanomaly
4873070

Deuteranomaly
4873074

Tritanomaly
3498091

Monochromacy



Original Color
3628913

Achromatopsia
5592405

Achromatomaly
4872543

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3628913 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 #375F71 looks like.

```
.text, #text, p{  
  color:#375F71  
}
```

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 #375F71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #375F71
}
```

Border

The CSS property to change the border of an element to Decimal 3628913 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
#375F71 }
```

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

```
.border{ border-color:#375F71 }
```

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

Here you see how a box with a 4 pixel #375F71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #375F71; -webkit-box-shadow:4px 4px  
4px 4px #375F71; box-shadow:4px 4px 4px  
4px #375F71 }
```

Background

The CSS property to change the background color of an element to Decimal 3628913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#375F71 }
```

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

```
.background{ background-color:#375F71 }
```

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