

Converting Colors

Decimal(3696252)

Have a look what the booklet for
Decimal(3696252) contains.

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Color

Decimal(3696252)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 38667C |
| RGB | 56, 102, 124 |
| RGB Percent | 22%, 40%, 49% |
| CMY | 0.7804, 0.6000, 0.5137 |
| CMYK | 0.55, 0.18, 0.00, 0.51 |
| HSL | 199°, 38%, 35% |
| HSV | 199°, 55%, 49% |
| XYZ | 10.0203, 11.7987, 20.8180 |
| YIQ | 90.7540, -34.4780, -2.9100 |

Conversions

Conversions Part 2

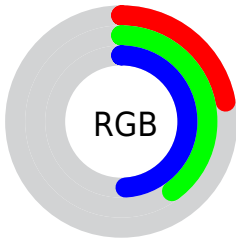
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 56, 83, 124 |
| Decimal | 3696252 |
| CIE _{Lab} | 40.89, -9.03, -17.12 |
| CIE _{LCh} | 41, 19.361, 242.192 |
| Yxy | 11.7987, 0.2350, 0.2767 |
| Android (android.graphics.Color) | 4281886332 (0xFF38667C) |
| YUV | 90.7540, 16.3903, -30.4793 |
| Hunter-Lab | 34.3493, -8.0393, -11.8893 |

Details

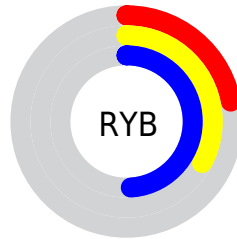
The Decimal color **3696252** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8146488**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **7117233**, and **14155** is the 20% darker color. If you saturate the color by 10%, you get **2908796**, and if you desaturate by 10%, it is **4483708**.

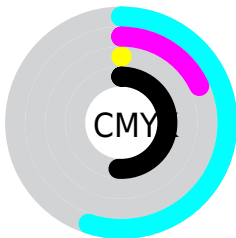
Distribution



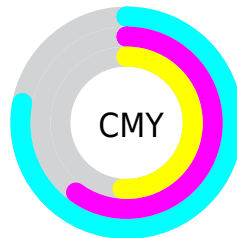
- Red (22%)
- Green (40%)
- Blue (49%)



- Red (22%)
- Yellow (33%)
- Blue (49%)



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3696252 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 3696252 by changing the saturation by 10% instead.

■ 3696252

■ 3696252

16777215

■ 1920611

■ 7117233

■ 14155

■ 8893644

■ 8756

■ 10670056

■ 2079

■ 12512511

■ 3

■ 14352383

■ 0

■ 16252927

■ 3696252

■ 3696252

■ 2908796

■ 4483708

■ 2055804

■ 5336700

■ 1268348

■ 6124156

■ 415356

■ 6977148

■ 21628

■ 7764604

■ 8552060

■ 9405052

■ 10192508

■ 11045500

Harmonies

Analogous

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



3041649



3696252



5136768

Triad

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



3696252



8344928



5924165

Complementary

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



3696252



8146488

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.



7036993



3696252



8345168

Square

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



3696252



7755631



7887429



4679761

Rectangle

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



3696252



6119038



7887429



6251331

Sweetspot

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



3696252



8886433



3701838



4345170



13750737



5395026

Same Dimension

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



3696252



3636897



3687548



3619645



21885



44028

Inverse Universe

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



8140902



10565502



8155192



4011835



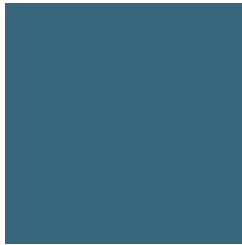
8192085



16515243

Previews

White Background



This preview shows how the Decimal color 3696252 looks on a white background.

Color Contrast Check

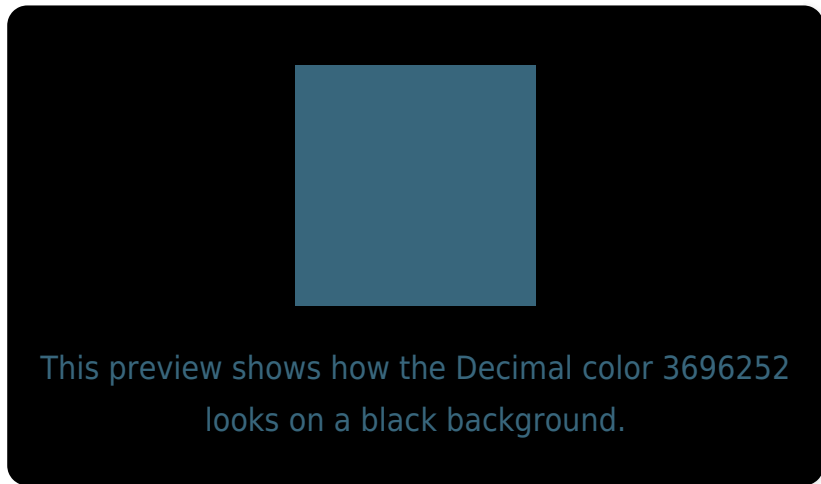
Large Text (above 18pt) WCAG AA ✓ Pass

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

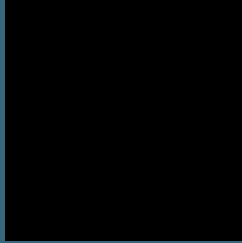
Any Text WCAG AA × Fail

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 3696252 Background



This preview shows how black text looks on a background with the Decimal color 3696252.

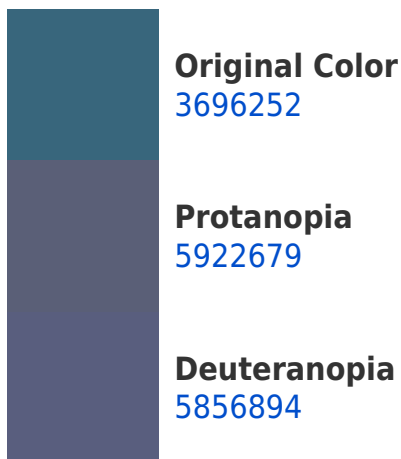



This preview shows how white text looks on a background with the Decimal color 3696252.

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](#).

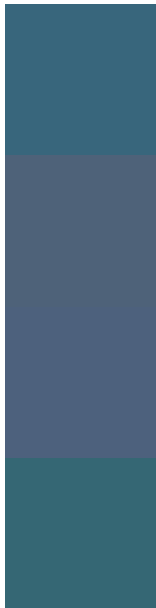
Dichromacy





Tritanopia
3434608

Trichromacy



Original Color
3696252

Protanomaly
5137017

Deuteranomaly
5071229

Tritanomaly
3499892

Monochromacy



Original Color
3696252

Achromatopsia
5987163

Achromatomaly
5136231

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3696252 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 #38667C looks like.

```
.text, #text, p{  
    color:#38667C  
}
```

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 #38667C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38667C
}
```

Border

The CSS property to change the border of an element to Decimal 3696252 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
#38667C }
```

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

```
.border{ border-color:#38667C }
```

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

Here you see how a box with a 4 pixel #38667C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38667C; -webkit-box-shadow:4px 4px  
4px 4px #38667C; box-shadow:4px 4px 4px  
4px #38667C }
```

Background

The CSS property to change the background color of an element to Decimal 3696252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38667C }
```

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

```
.background{ background-color:#38667C }
```

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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