

Converting Colors

Decimal(3740724)

Have a look what the booklet for
Decimal(3740724) contains.

Decimal(3740724)	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(3740724)

Conversions

Conversions Part 1

Format	Color
Hex	391434
RGB	57, 20, 52
RGB Percent	22%, 8%, 20%
CMY	0.7765, 0.9216, 0.7961
CMYK	0.00, 0.65, 0.09, 0.78
HSL	308°, 48%, 15%
HSV	308°, 65%, 22%
XYZ	2.5573, 1.6181, 3.4264
YIQ	34.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

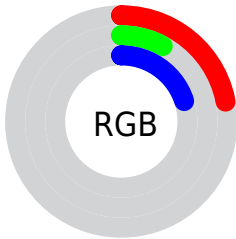
Format	Color
RYB	57, 20, 52
Decimal	3740724
CIELab	13.34, 23.36, -12.56
CIElCh	13, 26.521, 331.742
Yxy	1.6181, 0.3364, 0.2129
Android (android.graphics.Color)	4281930804 (0xFF391434)
YUV	34.7110, 8.5235, 19.5475
Hunter-Lab	12.7205, 13.6250, -7.0659

Details

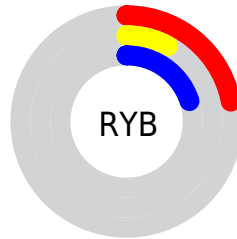
The Decimal color **3740724** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1325337**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **6898019**, and **3** is the 20% darker color. If you saturate the color by 10%, you get **3739187**, and if you desaturate by 10%, it is **3742261**.

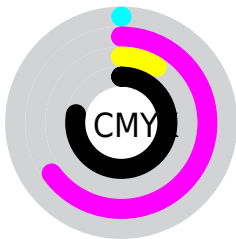
Distribution



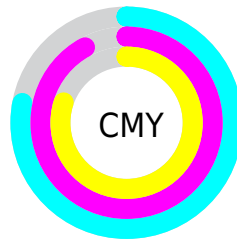
- Red (22%)
- Green (8%)
- Blue (20%)



- Red (22%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (9%)
- Black (78%)



- Cyan (78%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3740724 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 3740724 by changing the saturation by 10% instead.

 3740724

 3740724

 16775935

 2359327

 6898019

 3

 8608124

 0

 10384021

 12159920

 14001868

 15843816

 16768511

 3740724

 3740724

■ 3739187

■ 3742261

■ 3737906

■ 3743542

■ 3736370

■ 3745078

■ 3735601

■ 3746615

■ 3748152

■ 3749433

■ 3750969

■ 3752506

■ 3753787

Harmonies

Analogous

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



2301250



3740724



4329250

Triad

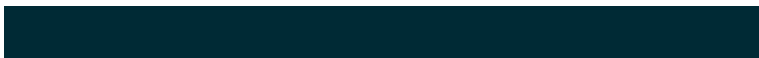
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3740724



2826752



10805

Complementary

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



3740724



1325337

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.



11043



3740724



1713920

Square

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



3740724



3742208



10511



10563

Rectangle

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



3740724



4395030



10511



11055

Sweetspot

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



3740724



4865096



1643577



2497829



10921638



2500134

Same Dimension

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



3740724



4853826



3740706



1841436



6029391



14352574

Inverse Universe

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



3740724



4853826



1325355



1841436



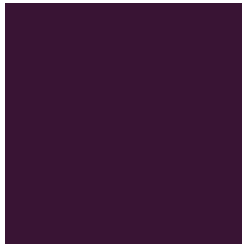
6029391



14352574

Previews

White Background



This preview shows how the Decimal color 3740724 looks on a white background.

Color Contrast Check

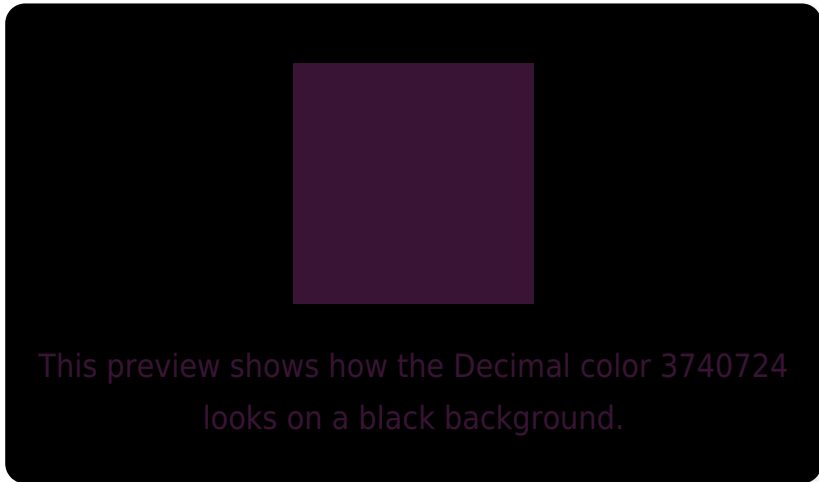
Large Text (above 18pt) WCAG AA ✓ Pass

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

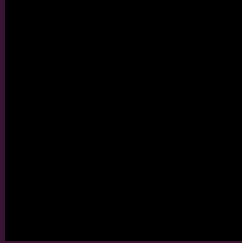
Any Text WCAG AA × Fail

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 3740724 Background



This preview shows how black text looks on a background with the Decimal color 3740724.



This preview shows how white text looks on a background with the Decimal color 3740724.

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

3740724

Protanopia

1385025

Deuteranopia

1975090



Tritanopia
3611421

Trichromacy



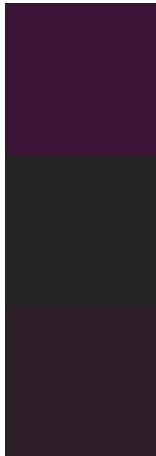
Original Color
3740724

Protanomaly
2235708

Deuteranomaly
2629171

Tritanomaly
3676197

Monochromacy



Original Color
3740724

Achromatopsia
2302755

Achromatomaly
2825769

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3740724 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 #391434 looks like.

```
.text, #text, p{  
    color:#391434  
}
```

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 #391434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #391434
}
```

Border

The CSS property to change the border of an element to Decimal 3740724 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".

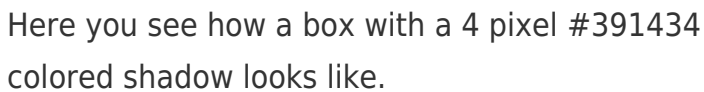
```
.border, #border, table{ border:4px solid
#391434 }
```

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

```
.border{ border-color:#391434 }
```

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

Here you see how a box with a 4 pixel #391434 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top, left, and bottom edges. The right edge is a thick dark purple bar. The shadow is a dark purple rectangle that is slightly offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #391434; -webkit-box-shadow:4px 4px  
4px 4px #391434; box-shadow:4px 4px 4px  
4px #391434 }
```

Background

The CSS property to change the background color of an element to Decimal 3740724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#391434 }
```

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

```
.background{ background-color:#391434 }
```

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