

Converting Colors

Decimal(4021073)

Have a look what the booklet for
Decimal(4021073) contains.

Decimal(4021073)	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(4021073)

Conversions

Conversions Part 1

Format	Color
Hex	3D5B51
RGB	61, 91, 81
RGB Percent	24%, 36%, 32%
CMY	0.7608, 0.6431, 0.6824
CMYK	0.33, 0.00, 0.11, 0.64
HSL	160°, 20%, 30%
HSV	160°, 33%, 36%
XYZ	7.1508, 9.0684, 9.1581
YIQ	80.8900, -14.6700, -9.4700

Conversions

Conversions Part 2

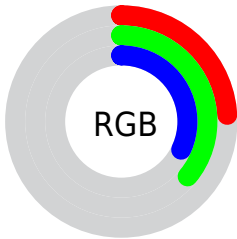
Format	Color
RYB	61, 79, 91
Decimal	4021073
CIELab	36.12, -13.56, 2.23
CIELCh	36, 13.740, 170.676
Yxy	9.0684, 0.2818, 0.3573
Android (android.graphics.Color)	428221153 (0xFF3D5B51)
YUV	80.8900, 0.0542, -17.4435
Hunter-Lab	30.1137, -10.3126, 3.0485

Details

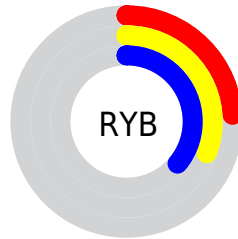
The Decimal color **4021073** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5979463**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **7245186**, and **1060133** is the 20% darker color. If you saturate the color by 10%, you get **3431246**, and if you desaturate by 10%, it is **4610900**.

Distribution



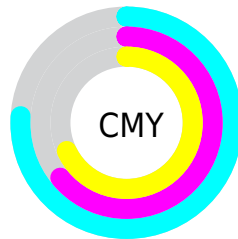
- Red (24%)
- Green (36%)
- Blue (32%)



- Red (24%)
- Yellow (31%)
- Blue (36%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (64%)



- Cyan (76%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4021073 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 4021073 by changing the saturation by 10% instead.



4021073



4021073

16777215



2507578



7245186



1060133



8890524



6415



10666935



0



12443603



14286063



16121855



4021073



4021073



3431246



4610900

■ 2841419

■ 5200727

■ 2251592

■ 5790554

■ 1661765

■ 6380381

■ 1071938

■ 7035744

■ 416575

■ 7625571

■ 23357

■ 8215398

■ 8805225

■ 9395052

Harmonies

Analogous

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



4806983



4021073



3562332

Triad

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



4021073



5395305



6901828

Complementary

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



4021073



5979463

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.



7097678



4021073



6312035

Square

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



4021073



4413290



6901081



6312767

Rectangle

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



4021073



3562083



6901081



6967111

Sweetspot

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



4021073



6976881



4676413



3423032



12237498



3881787

Same Dimension

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



4021073



4617574



4019803



2698796



28233



60830

Inverse Universe

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



5979463



7685718



5980733



3025195



7208997



15532111

Previews

White Background



This preview shows how the Decimal color 4021073 looks on a white background.

Color Contrast Check

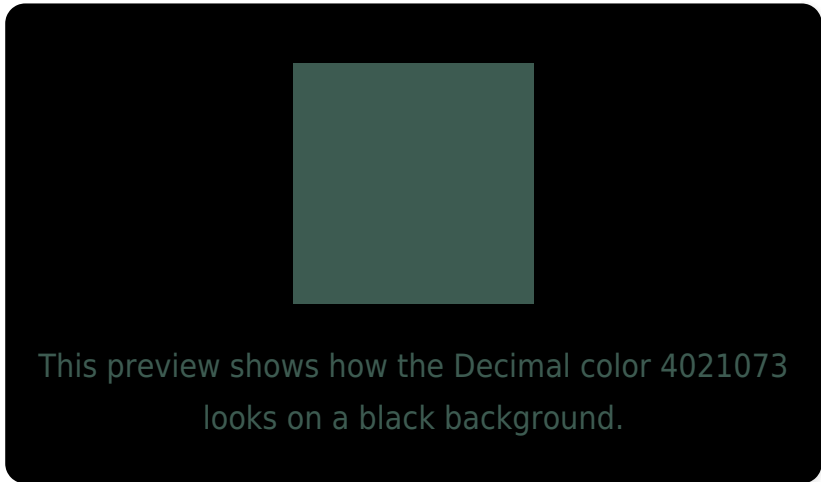
Large Text (above 18pt) WCAG AA ✓ Pass

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

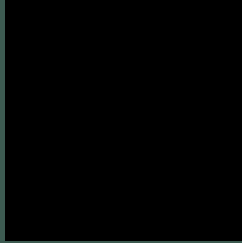
Any Text WCAG AA × Fail

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 4021073 Background



This preview shows how black text looks on a background with the Decimal color 4021073.



This preview shows how white text looks on a background with the Decimal color 4021073.

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
4021073

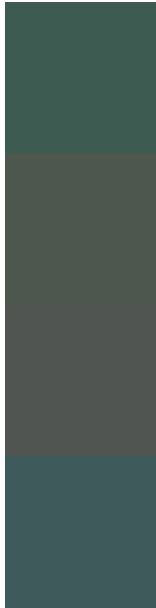
Protanopia
5788749

Deuteranopia
6115923



Tritanopia
4217184

Trichromacy



Original Color
4021073

Protanomaly
5134158

Deuteranomaly
5330258

Tritanomaly
4151899

Monochromacy



Original Color
4021073

Achromatopsia
5329233

Achromatomaly
4871505

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4021073 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 #3D5B51 looks like.

```
.text, #text, p{  
  color:#3D5B51  
}
```

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 #3D5B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D5B51
}
```

Border

The CSS property to change the border of an element to Decimal 4021073 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
#3D5B51 }
```

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

```
.border{ border-color:#3D5B51 }
```

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

Here you see how a box with a 4 pixel #3D5B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D5B51; -webkit-box-shadow:4px 4px  
4px 4px #3D5B51; box-shadow:4px 4px 4px  
4px #3D5B51 }
```

Background

The CSS property to change the background color of an element to Decimal 4021073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D5B51 }
```

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

```
.background{ background-color:#3D5B51 }
```

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