

Converting Colors

Decimal(4940073)

Have a look what the booklet for
Decimal(4940073) contains.

Decimal(4940073)	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(4940073)

Conversions

Conversions Part 1

Format	Color
Hex	4B6129
RGB	75, 97, 41
RGB Percent	29%, 38%, 16%
CMY	0.7059, 0.6196, 0.8392
CMYK	0.23, 0.00, 0.58, 0.62
HSL	84°, 41%, 27%
HSV	84°, 58%, 38%
XYZ	7.5766, 10.2053, 3.6683
YIQ	84.0380, 4.8640, -22.0800

Conversions

Conversions Part 2

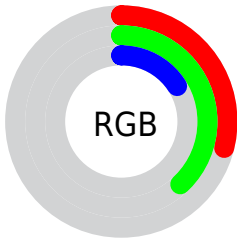
Format	Color
RYB	41, 97, 63
Decimal	4940073
CIELab	38.21, -18.47, 28.87
CIELCh	38, 34.271, 122.613
Yxy	10.2053, 0.3532, 0.4758
Android (android.graphics.Color)	4283130153 (0xFF4B6129)
YUV	84.0380, -21.2177, -7.9263
Hunter-Lab	31.9458, -13.5703, 15.5538

Details

The Decimal color **4940073** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4139361**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **8229976**, and **1913344** is the 20% darker color. If you saturate the color by 10%, you get **4677919**, and if you desaturate by 10%, it is **5202227**.

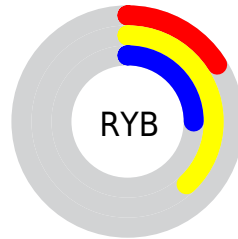
Distribution



Red (29%)

Green (38%)

Blue (16%)



Red (16%)

Yellow (38%)

Blue (25%)

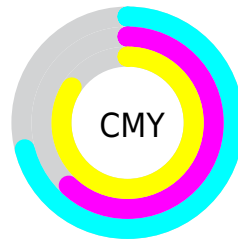


Cyan (23%)

Magenta (0%)

Yellow (58%)

Black (62%)



Cyan (71%)

Magenta (62%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4940073 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 4940073 by changing the saturation by 10% instead.

■ 4940073

■ 4940073

16777215

■ 3361042

■ 8229976

■ 1913344

■ 10006129

■ 7680

■ 11782795

■ 0

■ 13624998

■ 15466433

■ 16777181

■ 16777210

■ 4940073

■ 4940073

■ 4677919

■ 5202227

■ 4415766

■ 5464380

■ 4219148

■ 5660998

■ 3956994

■ 5923152

■ 3891456

■ 6185306

■ 6447459

■ 6709613

■ 6906231

■ 7168384

Harmonies

Analogous

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



6838560



4940073



2451007

Triad

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



4940073



25483



9192025

Complementary

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



4940073



4139361

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.



8275828



4940073



2710673

Square

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



4940073



26487



6247049



9193022

Rectangle

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



4940073



26450



6247049



8995682

Sweetspot

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



4940073



7699816



6372905



3883059



12566463



4210752

Same Dimension

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



4940073



5995815



3170601



3092524



4485120



9629696

Inverse Universe

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



4139361



4794237



5908833



3025968



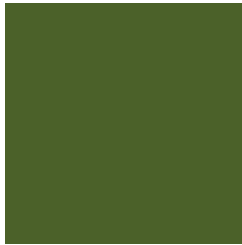
2883696



6160624

Previews

White Background



This preview shows how the Decimal color 4940073 looks on a white background.

Color Contrast Check

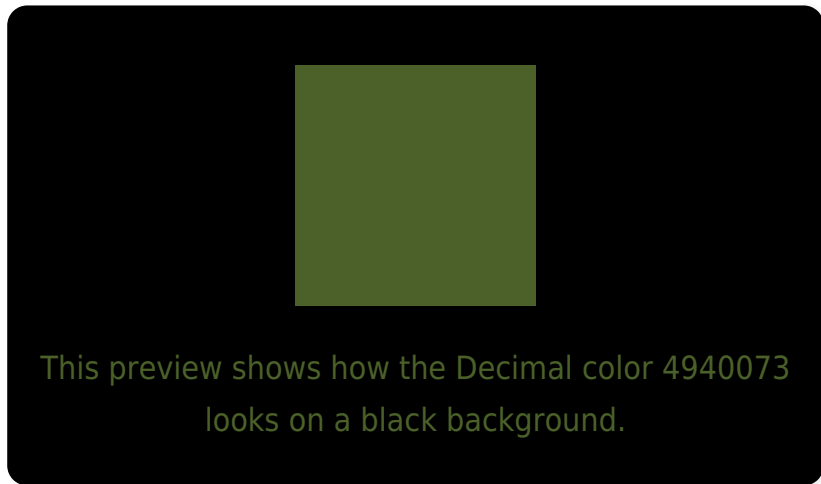
Large Text (above 18pt) WCAG AA ✓ Pass

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

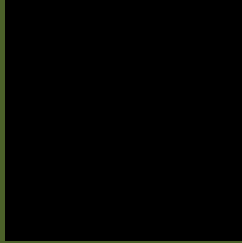
Any Text WCAG AA × Fail

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 4940073 Background



This preview shows how black text looks on a background with the Decimal color 4940073.



This preview shows how white text looks on a background with the Decimal color 4940073.

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
4940073

Protanopia
6576679

Deuteranopia
7296300



Tritanopia
5397346

Trichromacy



Original Color
4940073

Protanomaly
5987624

Deuteranomaly
6445355

Tritanomaly
5201229

Monochromacy



Original Color
4940073

Achromatopsia
5526612

Achromatomaly
5331268

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4940073 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 #4B6129 looks like.

```
.text, #text, p{  
    color:#4B6129  
}
```

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 #4B6129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6129
}
```

Border

The CSS property to change the border of an element to Decimal 4940073 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
#4B6129 }
```

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

```
.border{ border-color:#4B6129 }
```

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

Here you see how a box with a 4 pixel #4B6129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6129; -webkit-box-shadow:4px 4px  
4px 4px #4B6129; box-shadow:4px 4px 4px  
4px #4B6129 }
```

Background

The CSS property to change the background color of an element to Decimal 4940073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6129 }
```

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

```
.background{ background-color:#4B6129 }
```

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