

Converting Colors

Decimal(4940876)

Have a look what the booklet for
Decimal(4940876) contains.

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Color

Decimal(4940876)

Conversions

Conversions Part 1

Format	Color
Hex	4B644C
RGB	75, 100, 76
RGB Percent	29%, 39%, 30%
CMY	0.7059, 0.6078, 0.7020
CMYK	0.25, 0.00, 0.24, 0.61
HSL	122°, 14%, 34%
HSV	122°, 25%, 39%
XYZ	8.7633, 11.1320, 8.5243
YIQ	89.7890, -7.1960, -12.7640

Conversions

Conversions Part 2

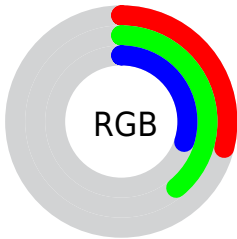
Format	Color
R_{YB}	75, 99, 100
Decimal	4940876
CIE Lab	39.80, -14.64, 10.65
CIE LCh	40, 18.108, 143.969
Yxy	11.1320, 0.3084, 0.3917
Android (android.graphics.Color)	4283130956 (0xFF4B644C)
YUV	89.7890, -6.7980, -12.9700
Hunter-Lab	33.3647, -11.5046, 8.2073

Details

The Decimal color **4940876** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6572899**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **8165245**, and **1979680** is the 20% darker color. If you saturate the color by 10%, you get **4285506**, and if you desaturate by 10%, it is **5596246**.

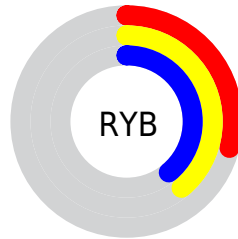
Distribution



Red (29%)

Green (39%)

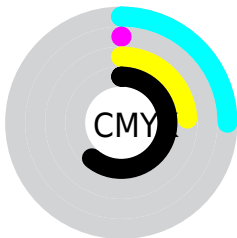
Blue (30%)



Red (29%)

Yellow (39%)

Blue (39%)

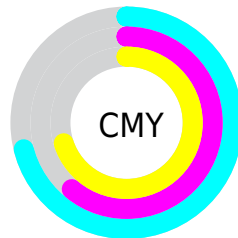


Cyan (25%)

Magenta (0%)

Yellow (24%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4940876 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 4940876 by changing the saturation by 10% instead.



4940876



4940876

16777215



3427381



8165245



1979680



9876119



598025



11652530



0



13494733



15335401



4940876



4940876



4285506



5596246



3630137



6251615

■ 2974767

■ 6906985

■ 2319398

■ 7562354

■ 1664028

■ 8217724

■ 1008658

■ 8873094

■ 353289

■ 9528463

■ 25604

■ 10183833

■ 10839202

Harmonies

Analogous

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



6054211



4940876



3892826

Triad

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



4940876



4677755



8148050

Complementary

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



4940876



6572899

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.



7951201



4940876



6052729

Square

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



4940876



3499125



7231087



7755590

Rectangle

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



4940876



3368548



7231087



8147799

Sweetspot

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



4940876



7897720



6513739



3949116



12763842



4342338

Same Dimension

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



4940876



5997149



4940888



3027758



29445



61962

Inverse Universe

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



6572899



8543104



6572887



3354163



7536750



15859945

Previews

White Background



This preview shows how the Decimal color 4940876 looks on a white background.

Color Contrast Check

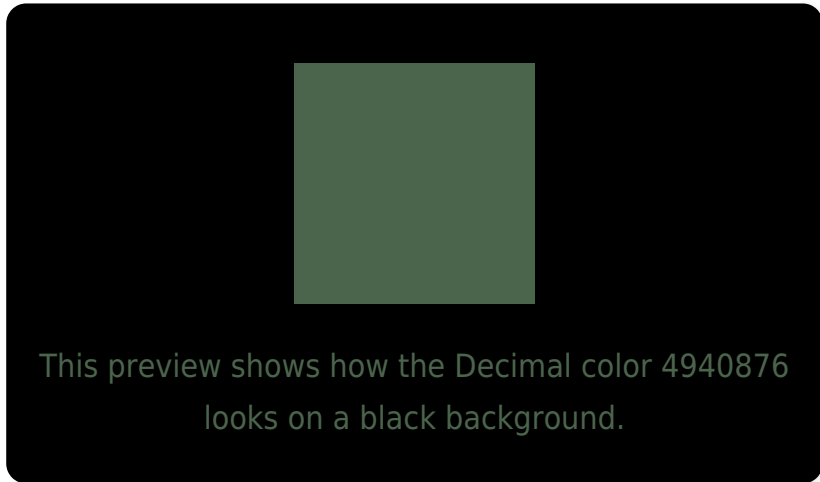
Large Text (above 18pt) WCAG AA ✓ Pass

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

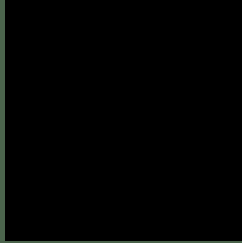
Any Text WCAG AA × Fail

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 4940876 Background



This preview shows how black text looks on a background with the Decimal color 4940876.



This preview shows how white text looks on a background with the Decimal color 4940876.

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
4940876

Protanopia
6577481

Deuteranopia
7101006

Trichromacy



Original Color

4940876

Protanomaly

5988426

Deuteranomaly

6315597

Tritanomaly

5136734

Monochromacy



Original Color

4940876

Achromatopsia

5921370

Achromatomaly

5594709

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4940876 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 #4B644C looks like.

```
.text, #text, p{  
    color:#4B644C  
}
```

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 #4B644C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B644C
}
```

Border

The CSS property to change the border of an element to Decimal 4940876 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
#4B644C }
```

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

```
.border{ border-color:#4B644C }
```

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

Here you see how a box with a 4 pixel #4B644C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B644C; -webkit-box-shadow:4px 4px  
4px 4px #4B644C; box-shadow:4px 4px 4px  
4px #4B644C }
```

Background

The CSS property to change the background color of an element to Decimal 4940876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B644C }
```

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

```
.background{ background-color:#4B644C }
```

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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