

Converting Colors

Decimal(4943946)

Have a look what the booklet for
Decimal(4943946) contains.

Decimal(4943946)	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(4943946)

Conversions

Conversions Part 1

Format	Color
Hex	4B704A
RGB	75, 112, 74
RGB Percent	29%, 44%, 29%
CMY	0.7059, 0.5608, 0.7098
CMYK	0.33, 0.00, 0.34, 0.56
HSL	118°, 20%, 36%
HSV	118°, 34%, 44%
XYZ	9.9319, 13.5786, 8.5760
YIQ	96.6050, -9.8540, -19.6620

Conversions

Conversions Part 2

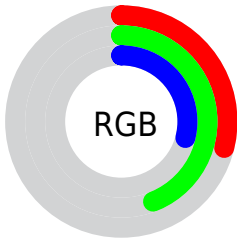
Format	Color
RYB	74, 112, 111
Decimal	4943946
CIELab	43.62, -21.49, 17.07
CIElCh	44, 27.441, 141.543
Yxy	13.5786, 0.3095, 0.4232
Android (android.graphics.Color)	4283134026 (0xFF4B704A)
YUV	96.6050, -11.1443, -18.9476
Hunter-Lab	36.8492, -16.3754, 11.9956

Details

The Decimal color **4943946** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7293552**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **8234107**, and **1851422** is the 20% darker color. If you saturate the color by 10%, you get **4223039**, and if you desaturate by 10%, it is **5664853**.

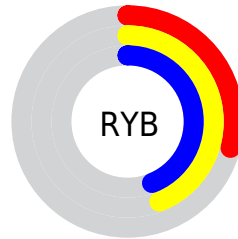
Distribution



Red (29%)

Green (44%)

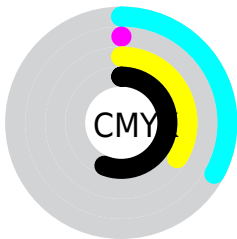
Blue (29%)



Red (29%)

Yellow (44%)

Blue (44%)

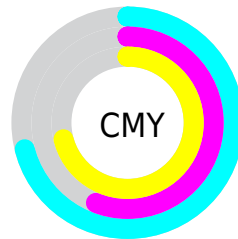


Cyan (33%)

Magenta (0%)

Yellow (34%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4943946 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 4943946 by changing the saturation by 10% instead.



4943946



4943946

16777215



3364659



8234107



1851422



9944981



403718



11721648



5376



13564107



0



15466471



4943946



4943946



4223039



5664853



3502132



6385760

■ 2781224

■ 7106668

■ 2060317

■ 7827575

■ 1339410

■ 8548482

■ 684039

■ 9203853

■ 225280

■ 9924760

■ 10645668

■ 11366575

Harmonies

Analogous

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



6646588



4943946



2913120

Triad

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



4943946



3763092



9655896

Complementary

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



4943946



7293552

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.



9393774



4943946



6317201

Square

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



4943946



291210



8215428



9198660

Rectangle

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



4943946



1078127



8215428



9655647

Sweetspot

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



4943946



8622467



7368522



4278849



13224393



4868682

Same Dimension

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



4943946



5738838



4878428



3356722



227328



521984

Inverse Universe

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



7293552



9459345



7359070



3682872



7667832



15794423

Previews

White Background



This preview shows how the Decimal color 4943946 looks on a white background.

Color Contrast Check

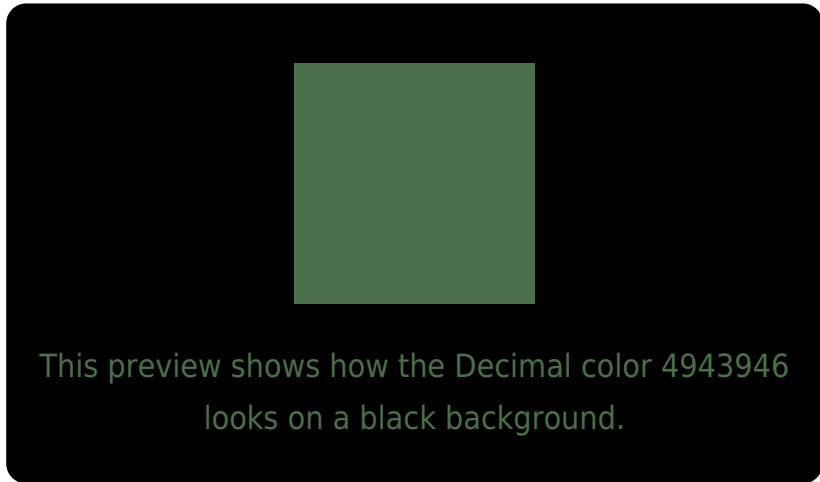
Large Text (above 18pt) WCAG AA ✓ Pass

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

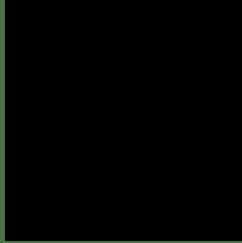
Any Text WCAG AA × Fail

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 4943946 Background



This preview shows how black text looks on a background with the Decimal color 4943946.



This preview shows how white text looks on a background with the Decimal color 4943946.

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
4943946

Protanopia
7300934

Deuteranopia
7955021



Tritanopia
5466995

Trichromacy



Original Color
4943946

Protanomaly
6449735

Deuteranomaly
6842188

Tritanomaly
5270884

Monochromacy



Original Color
4943946

Achromatopsia
6381921

Achromatomaly
5858905

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4943946 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 #4B704A looks like.

```
.text, #text, p{  
    color:#4B704A  
}
```

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 #4B704A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B704A
}
```

Border

The CSS property to change the border of an element to Decimal 4943946 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
#4B704A }
```

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

```
.border{ border-color:#4B704A }
```

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

Here you see how a box with a 4 pixel #4B704A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B704A; -webkit-box-shadow:4px 4px  
4px 4px #4B704A; box-shadow:4px 4px 4px  
4px #4B704A }
```

Background

The CSS property to change the background color of an element to Decimal 4943946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B704A }
```

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

```
.background{ background-color:#4B704A }
```

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