

Converting Colors

Decimal(4149547)

Have a look what the booklet for
Decimal(4149547) contains.

Decimal(4149547)	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(4149547)

Conversions

Conversions Part 1

Format	Color
Hex	3F512B
RGB	63, 81, 43
RGB Percent	25%, 32%, 17%
CMY	0.7529, 0.6824, 0.8314
CMYK	0.22, 0.00, 0.47, 0.68
HSL	88°, 31%, 24%
HSV	88°, 47%, 32%
XYZ	5.4284, 7.1160, 3.3729
YIQ	71.2860, 1.4700, -15.6340

Conversions

Conversions Part 2

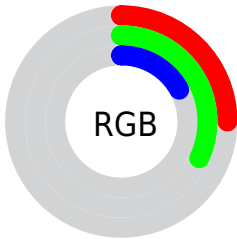
Format	Color
R_{YB}	43, 81, 61
Decimal	4149547
CIE _{Lab}	32.07, -14.65, 20.07
CIE _{LCh}	32, 24.842, 126.123
Yxy	7.1160, 0.3410, 0.4471
Android (android.graphics.Color)	4282339627 (0xFF3F512B)
YUV	71.2860, -13.9450, -7.2668
Hunter-Lab	26.6759, -10.3592, 11.1764

Details

The Decimal color **4149547** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4008785**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **7373401**, and **1385472** is the 20% darker color. If you saturate the color by 10%, you get **3887395**, and if you desaturate by 10%, it is **4411699**.

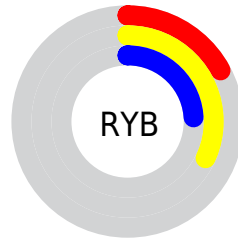
Distribution



Red (25%)

Green (32%)

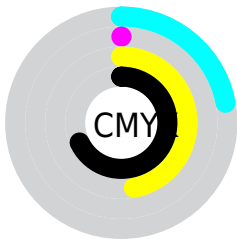
Blue (17%)



Red (17%)

Yellow (32%)

Blue (24%)

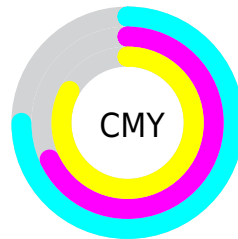


Cyan (22%)

Magenta (0%)

Yellow (47%)

Black (68%)



Cyan (75%)

Magenta (68%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4149547 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 4149547 by changing the saturation by 10% instead.



4149547



4149547

16777215



2636310



7373401



1385472



9018482



3584



10794892



0



12571558



14413761



16318429



16777210



4149547



4149547

■ 3887395

■ 4411699

■ 3625243

■ 4673851

■ 3363091

■ 4936003

■ 3166475

■ 5132619

■ 2904323

■ 5394772

■ 2838784

■ 5656924

■ 5919076

■ 6181228

■ 6443380

Harmonies

Analogous

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



5524516



4149547



2511931

Triad

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



4149547



21103



7355464

Complementary

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



4149547



4008785

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.



6766172



4149547



3427442

Square

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



4149547



21858



5457259



7290421

Rectangle

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



4149547



808264



5457259



7224399

Sweetspot

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



4149547



6449498



5324075



3225132



11908533



3552822

Same Dimension

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



4149547



5073198



2904363



2566437



3631360



8054784

Inverse Universe

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



4008785



4861545



5253969



2565417



3276905



7209192

Previews

White Background



This preview shows how the Decimal color 4149547 looks on a white background.

Color Contrast Check

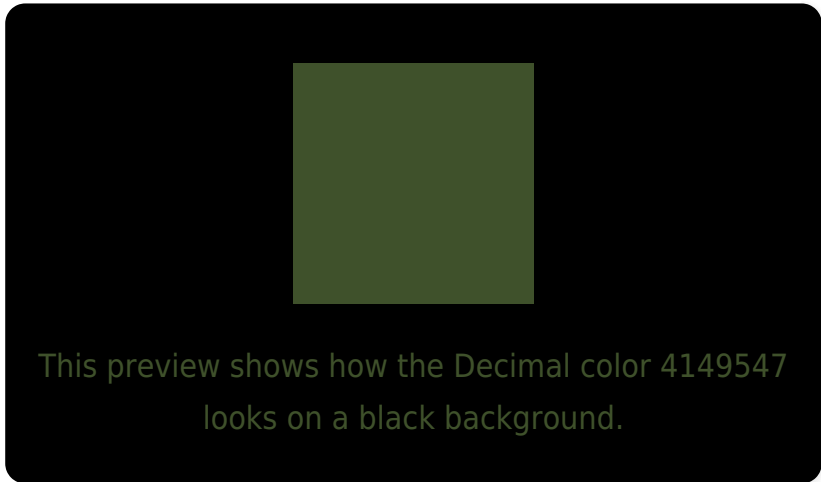
Large Text (above 18pt) WCAG AA ✓ Pass

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

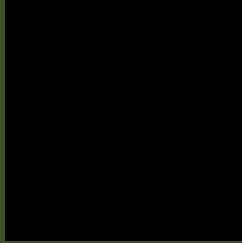
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

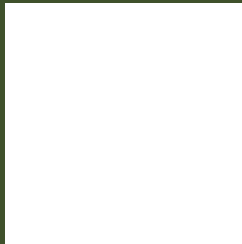
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4149547 Background



This preview shows how black text looks on a background with the Decimal color 4149547.



This preview shows how white text looks on a background with the Decimal color 4149547.

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](#).

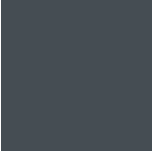
Dichromacy



Original Color
4149547

Protanopia
5458729

Deuteranopia
5982253



Tritanopia
4541779

Trichromacy



Original Color
4149547

Protanomaly
5000490

Deuteranomaly
5327660

Tritanomaly
4410948

Monochromacy



Original Color
4149547

Achromatopsia
4671303

Achromatomaly
4475709

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4149547 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 #3F512B looks like.

```
.text, #text, p{  
  color:#3F512B  
}
```

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 #3F512B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F512B
}
```

Border

The CSS property to change the border of an element to Decimal 4149547 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
#3F512B }
```

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

```
.border{ border-color:#3F512B }
```

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

Here you see how a box with a 4 pixel #3F512B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F512B; -webkit-box-shadow:4px 4px  
4px 4px #3F512B; box-shadow:4px 4px 4px  
4px #3F512B }
```

Background

The CSS property to change the background color of an element to Decimal 4149547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F512B }
```

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

```
.background{ background-color:#3F512B }
```

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