Converting Colors

Decimal(4939055)

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Color

Decimal(4939055)

Conversions

Conversions Part 1

Format	Color
Hex	4B5D2F
RGB	75, 93, 47
RGB Percent	29%, 36%, 18%
CMY	0.7059, 0.6353, 0.8157
CMYK	0.19, 0.00, 0.49, 0.64
HSL	83°, 33%, 27%
HSV	83°, 49%, 36%
XYZ	7.3291, 9.5298, 4.1425
YIQ	82.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

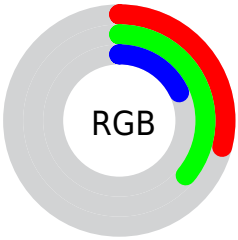
Format	Color
RYB	47, 93, 65
Decimal	4939055
CIELab	36.98, -15.57, 24.09
CIELCh	37, 28.679, 122.872
Yxy	9.5298, 0.3490, 0.4538
Android (android.graphics.Color)	4283129135 (0xFF4B5D2F)
YUV	82.3740, -17.4394, -6.4670
Hunter-Lab	30.8704, -11.6445, 13.6532

Details

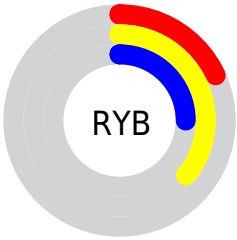
The Decimal color 4939055 is a dark color, and the websafe version is hex 666633. A complement of this color would be 4271965, and the grayscale version is 5460819.

A 20% lighter version of the original color is 8228702, and 1978112 is the 20% darker color. If you saturate the color by 10%, you get 4676902, and if you desaturate by 10%, it is 5201208.

Distribution

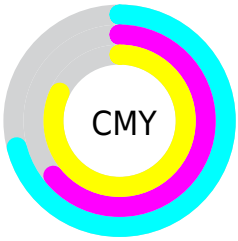


- Red (29%)
- Green (36%)
- Blue (18%)



- Red (18%)
- Yellow (36%)
- Blue (25%)

- Cyan (19%)
- Magenta (0%)
- Yellow (49%)
- Black (64%)



- Cyan (71%)
- Magenta (64%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4939055 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 4939055 by changing the saturation by 10% instead.

4939055

16777215

8228702

9939575

11715985

13558188

15400647

16777187

4939055

3425561

1978112

6912

0

4939055

4676902

4939055

5201208

4480284

4218131

3955978

3759361

3759360

5397826

5659979

5922132

6118750

6380903

6577520

6839673

7101827

Harmonies

Analogous

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

6510120

4939055

2974017

Triad

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

4939055

24448

8537174

Complementary

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

4939055

4271965

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.

7751788

4939055

3496325

Square

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

4939055

25199

6049918

8472383

Rectangle

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

4939055

942929

6049918

8340830

Sweetspot

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

4939055

7436390

6111535

3751218

12434877

4013373

Same Dimension

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

4939055

6060081

3431727

2895401

4419072

9497856

Inverse Universe

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

4271965

5058936

5779293

2828590

2818158

6095085

Previews

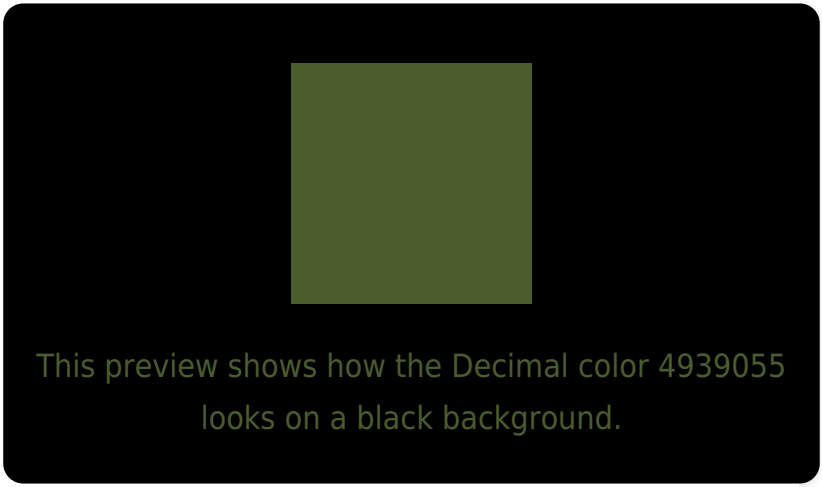
White Background

This preview shows how the Decimal color 4939055 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 4939055 Background

This preview shows how black text looks on a background with the Decimal color 4939055.

This preview shows how white text looks on a background with the Decimal color 4939055.

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
4939055

Protanopia
6313773

Deuteranopia
6968114

Tritanopia
5331039

Trichromacy

Original Color
4939055

Protanomaly
5789998

Deuteranomaly
6248241

Tritanomaly
5200462

Monochromacy

Original Color
4939055

Achromatopsia
5395026

Achromatomaly
5199429

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4939055 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 #4B5D2F looks like.

```
.text, #text, p{
    color:#4B5D2F
}
```

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 #4B5D2F colored shadow looks like.

Here you see how black text with a 4 pixel #4B5D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B5D2F
}
```

Border

The CSS property to change the border of an element to Decimal 4939055 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
#4B5D2F }
```

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

```
.border{ border-color:#4B5D2F }
```

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

Here you see how a box with a 4 pixel #4B5D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #4B5D2F; -webkit-box-shadow:4px 4px 4px 4px #4B5D2F; box-shadow:4px 4px 4px 4px #4B5D2F }
```

Background

The CSS property to change the background color of an element to Decimal 4939055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:#4B5D2F }
```

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

```
.background{ background-color:#4B5D2F }
```

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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