

Converting Colors

Decimal(5138507)

Have a look what the booklet for
Decimal(5138507) contains.

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Color

Decimal(5138507)

Conversions

Conversions Part 1

Format	Color
Hex	4E684B
RGB	78, 104, 75
RGB Percent	31%, 41%, 29%
CMY	0.6941, 0.5922, 0.7059
CMYK	0.25, 0.00, 0.28, 0.59
HSL	114°, 16%, 35%
HSV	114°, 28%, 41%
XYZ	9.3622, 12.0283, 8.4849
YIQ	92.9200, -6.1870, -14.5310

Conversions

Conversions Part 2

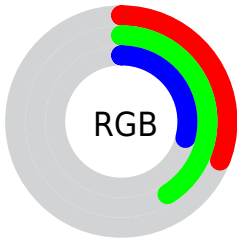
Format	Color
RYB	75, 104, 101
Decimal	5138507
CIELab	41.26, -15.90, 13.30
CIELCh	41, 20.730, 140.091
Yxy	12.0283, 0.3134, 0.4026
Android (android.graphics.Color)	4283328587 (0xFF4E684B)
YUV	92.9200, -8.8346, -13.0848
Hunter-Lab	34.6819, -12.5081, 9.7721

Details

The Decimal color **5138507** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6638440**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **8428412**, and **2111775** is the 20% darker color. If you saturate the color by 10%, you get **4548673**, and if you desaturate by 10%, it is **5728341**.

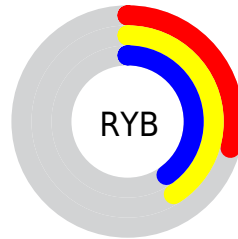
Distribution



Red (31%)

Green (41%)

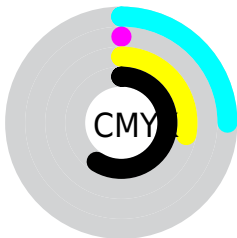
Blue (29%)



Red (29%)

Yellow (41%)

Blue (40%)

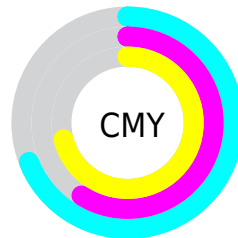


Cyan (25%)

Magenta (0%)

Yellow (28%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5138507 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 5138507 by changing the saturation by 10% instead.

■ 5138507

■ 5138507

16777215

■ 3625012

■ 8428412

■ 2111775

■ 10139286

■ 795400

■ 11915953

■ 2304

■ 13692620

■ 0

■ 15597544

■ 5138507

■ 5138507

■ 4548673

■ 5728341

■ 3893302

■ 6383712

■ 3303468

■ 6973546

■ 2713633

■ 7563381

■ 2058263

■ 8218751

■ 1468429

■ 8808585

■ 878594

■ 9398420

■ 747520

■ 10053790

■ 10643625

Harmonies

Analogous

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



6382657



5138507



3828315

Triad

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



5138507



4351362



8607062

Complementary

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



5138507



6638440

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.



8344936



5138507



6053761

Square

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



5138507



2976123



7428471



8280392

Rectangle

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



5138507



3107687



7428471



8607068

Sweetspot

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



5138507



8226684



6841675



4146494



12895428



4539717

Same Dimension

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



5138507



6260571



4941910



3027758



815872



1700352

Inverse Universe

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



6638440



8608647



6835037



3288627



6750323



14221554

Previews

White Background



This preview shows how the Decimal color 5138507 looks on a white background.

Color Contrast Check

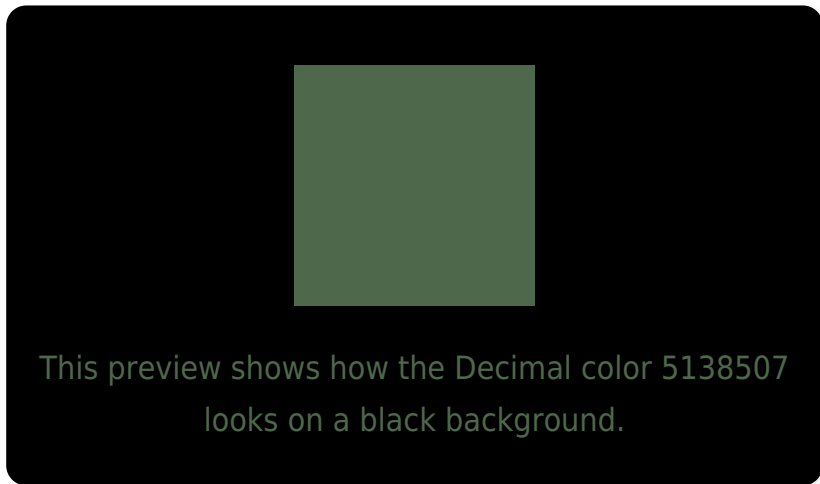
Large Text (above 18pt) WCAG AA ✓ Pass

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

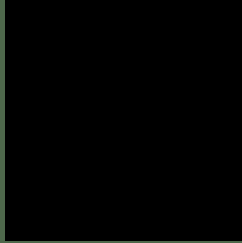
Any Text WCAG AA × Fail

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 5138507 Background



This preview shows how black text looks on a background with the Decimal color 5138507.



This preview shows how white text looks on a background with the Decimal color 5138507.

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
5138507

Protanopia
6840648

Deuteranopia
7429453



Tritanopia
5530732

Trichromacy



Original Color

5138507

Protanomaly

6251593

Deuteranomaly

6578508

Tritanomaly

5399904

Monochromacy



Original Color

5138507

Achromatopsia

6118749

Achromatomaly

5792086

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5138507 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 #4E684B looks like.

```
.text, #text, p{  
    color:#4E684B  
}
```

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 #4E684B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E684B
}
```

Border

The CSS property to change the border of an element to Decimal 5138507 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".

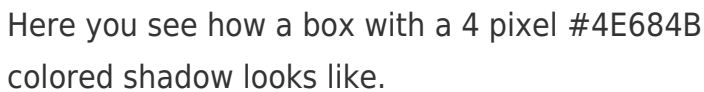
```
.border, #border, table{ border:4px solid
#4E684B }
```

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

```
.border{ border-color:#4E684B }
```

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

Here you see how a box with a 4 pixel #4E684B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E684B; -webkit-box-shadow:4px 4px  
4px 4px #4E684B; box-shadow:4px 4px 4px  
4px #4E684B }
```

Background

The CSS property to change the background color of an element to Decimal 5138507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E684B }
```

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

```
.background{ background-color:#4E684B }
```

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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