

Converting Colors

Decimal(5465682)

Have a look what the booklet for
Decimal(5465682) contains.

Decimal(5465682)	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(5465682)

Conversions

Conversions Part 1

Format	Color
Hex	536652
RGB	83, 102, 82
RGB Percent	33%, 40%, 32%
CMY	0.6745, 0.6000, 0.6784
CMYK	0.19, 0.00, 0.20, 0.60
HSL	117°, 11%, 36%
HSV	117°, 20%, 40%
XYZ	9.8416, 11.9509, 9.7707
YIQ	94.0390, -4.9040, -10.2480

Conversions

Conversions Part 2

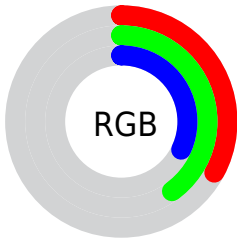
Format	Color
R_{YB}	82, 102, 101
Decimal	5465682
CIE Lab	41.14, -11.49, 8.97
CIE LCh	41, 14.583, 142.022
Yxy	11.9509, 0.3118, 0.3786
Android (android.graphics.Color)	4283655762 (0xFF536652)
YUV	94.0390, -5.9352, -9.6812
Hunter-Lab	34.5701, -9.6812, 7.4417

Details

The Decimal color **5465682** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6640230**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **8755587**, and **2504485** is the 20% darker color. If you saturate the color by 10%, you get **4810312**, and if you desaturate by 10%, it is **6121052**.

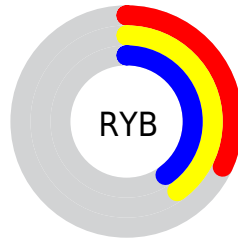
Distribution



Red (33%)

Green (40%)

Blue (32%)



Red (32%)

Yellow (40%)

Blue (40%)

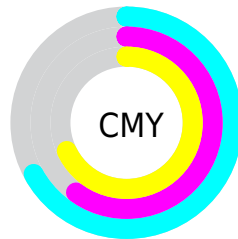


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5465682 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 5465682 by changing the saturation by 10% instead.



5465682



5465682

16777215



3952187



8755587



2504485



10466461



1122833



12242872



2048



14085332



0



15925232



5465682



5465682



4810312



6121052



4220478



6710886

■ 3565107

■ 7366257

■ 2909737

■ 8021627

■ 2319903

■ 8611461

■ 1664533

■ 9266831

■ 1009163

■ 9922201

■ 353792

■ 10577572

■ 11167406

Harmonies

Analogous

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



6382411



5465682



4679773

Triad

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



5465682



5202808



8018265

Complementary

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



5465682



6640230

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.



7821669



5465682



6250359

Square

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



5465682



4351603



7166832



7756623

Rectangle

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



5465682



4286566



7166832



8018269

Sweetspot

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



5465682



8226173



6710610



4080190



12763842



4342338

Same Dimension

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



5465682



6718821



5400155



3027758



422656



848384

Inverse Universe

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



6640230



8611205



6705757



3354163



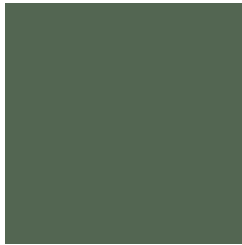
7143539



15073522

Previews

White Background



This preview shows how the Decimal color 5465682 looks on a white background.

Color Contrast Check

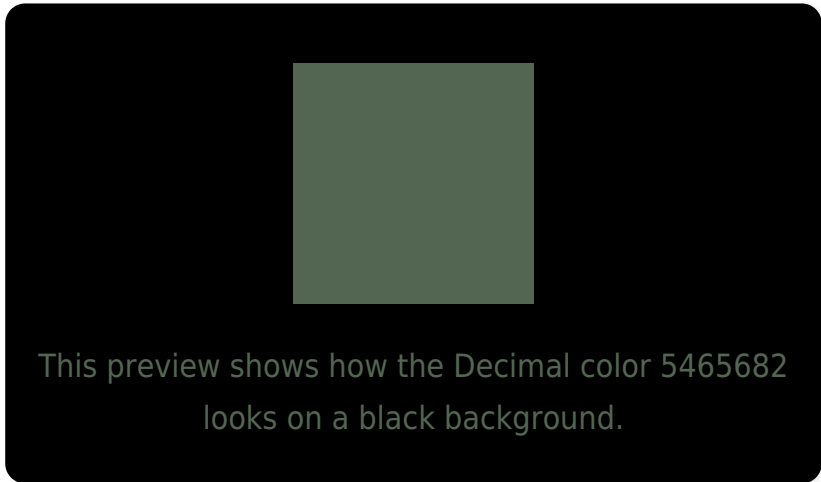
Large Text (above 18pt) WCAG AA ✓ Pass

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

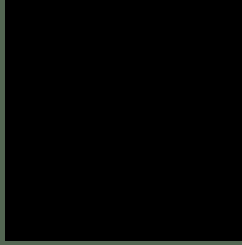
Any Text WCAG AA × Fail

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 5465682 Background



This preview shows how black text looks on a background with the Decimal color 5465682.



This preview shows how white text looks on a background with the Decimal color 5465682.

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
5465682

Protanopia
6709583

Deuteranopia
7298388



Tritanopia
5727082

Trichromacy



Original Color
5465682

Protanomaly
6251344

Deuteranomaly
6643795

Tritanomaly
5661793

Monochromacy



Original Color
5465682

Achromatopsia
6184542

Achromatomaly
5923162

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5465682 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 #536652 looks like.

```
.text, #text, p{  
  color:#536652  
}
```

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 #536652 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #536652
}
```

Border

The CSS property to change the border of an element to Decimal 5465682 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
#536652 }
```

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

```
.border{ border-color:#536652 }
```

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

Here you see how a box with a 4 pixel #536652 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #536652; -webkit-box-shadow:4px 4px  
4px 4px #536652; box-shadow:4px 4px 4px  
4px #536652 }
```

Background

The CSS property to change the background color of an element to Decimal 5465682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#536652 }
```

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

```
.background{ background-color:#536652 }
```

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