

Converting Colors

Decimal(5477470)

Have a look what the booklet for
Decimal(5477470) contains.

Decimal(5477470)	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(5477470)

Conversions

Conversions Part 1

Format	Color
Hex	53945E
RGB	83, 148, 94
RGB Percent	33%, 58%, 37%
CMY	0.6745, 0.4196, 0.6314
CMYK	0.44, 0.00, 0.36, 0.42
HSL	130°, 28%, 45%
HSV	130°, 44%, 58%
XYZ	16.1776, 23.8270, 14.3361
YIQ	122.4090, -21.4060, -30.5740

Conversions

Conversions Part 2

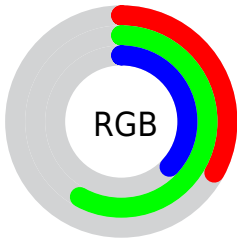
Format	Color
RYB	83, 139, 148
Decimal	5477470
CIELab	55.91, -32.88, 22.24
CIELCh	56, 39.697, 145.922
Yxy	23.8270, 0.2977, 0.4385
Android (android.graphics.Color)	4283667550 (0xFF53945E)
YUV	122.4090, -14.0056, -34.5617
Hunter-Lab	48.8129, -26.2640, 16.7558

Details

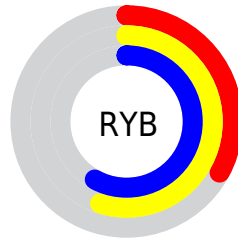
The Decimal color **5477470** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9720713**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **8965009**, and **1990959** is the 20% darker color. If you saturate the color by 10%, you get **4494418**, and if you desaturate by 10%, it is **6460522**.

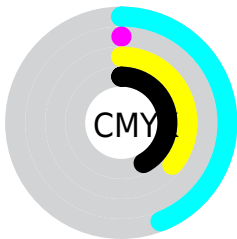
Distribution



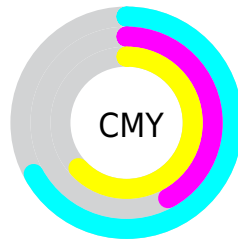
- Red (33%)
- Green (58%)
- Blue (37%)



- Red (33%)
- Yellow (55%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (36%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5477470 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 5477470 by changing the saturation by 10% instead.

■ 5477470

■ 5477470

16777215

■ 3766854

■ 8965009

■ 1990959

■ 10741676

■ 18457

■ 12582855

■ 12544

■ 14417891

■ 7424

■ 16318463

■ 0

■ 5477470

■ 5477470

■ 4494418

■ 6460522

■ 3511365

■ 7443575

■ 2593849

■ 8361091

■ 1610797

■ 9344143

■ 627745

■ 10327195

■ 37913

■ 11310248

■ 12293300

■ 13210816

■ 14193869

Harmonies

Analogous

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



8228166



5477470



38784

Triad

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



5477470



4230090



13069418

Complementary

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



5477470



9720713

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.



12806796



5477470



8552388

Square

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



5477470



37822



11301549



12154446

Rectangle

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



5477470



39064



11301549



13134453

Sweetspot

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



5477470



10928043



9016403



5333332



14737632



6381921

Same Dimension

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



5477470



5947243



5477502



4409924



35351



2562

Inverse Universe

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



9720713



12540590



9720681



4866889



9044082



655368

Previews

White Background



This preview shows how the Decimal color 5477470 looks on a white background.

Color Contrast Check

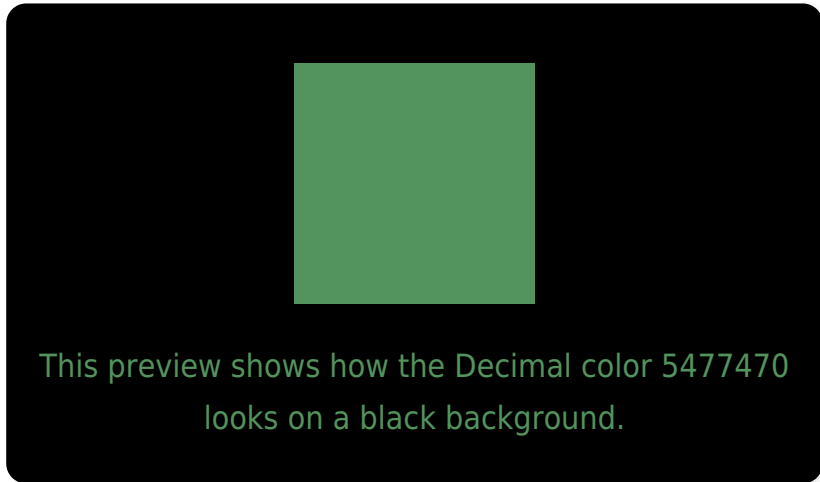
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

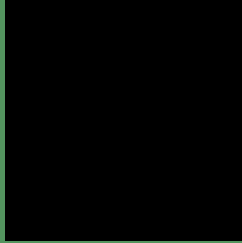
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 5477470 Background



This preview shows how black text looks on a background with the Decimal color 5477470.



This preview shows how white text looks on a background with the Decimal color 5477470.

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
5477470

Protanopia
9536856

Deuteranopia
10322019

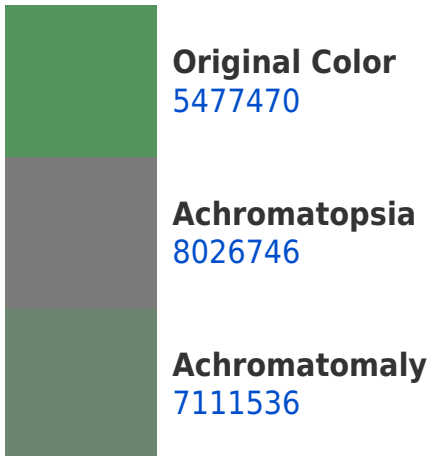


Tritanopia
6327704

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5477470 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 #53945E looks like.

```
.text, #text, p{  
    color:#53945E  
}
```

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 #53945E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53945E
}
```

Border

The CSS property to change the border of an element to Decimal 5477470 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
#53945E }
```

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

```
.border{ border-color:#53945E }
```

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

Here you see how a box with a 4 pixel #53945E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53945E; -webkit-box-shadow:4px 4px  
4px 4px #53945E; box-shadow:4px 4px 4px  
4px #53945E }
```

Background

The CSS property to change the background color of an element to Decimal 5477470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53945E }
```

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

```
.background{ background-color:#53945E }
```

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