

Converting Colors

Decimal(5021550)

Have a look what the booklet for
Decimal(5021550) contains.

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Color

Decimal(5021550)

Conversions

Conversions Part 1

Format	Color
Hex	4C9F6E
RGB	76, 159, 110
RGB Percent	30%, 62%, 43%
CMY	0.7020, 0.3765, 0.5686
CMYK	0.52, 0.00, 0.31, 0.38
HSL	145°, 35%, 46%
HSV	145°, 52%, 62%
XYZ	18.1931, 27.4586, 19.0930
YIQ	128.5970, -33.7390, -32.8350

Conversions

Conversions Part 2

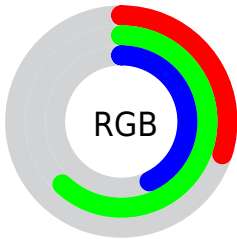
Format	Color
RYB	76, 135, 159
Decimal	5021550
CIELab	59.40, -36.83, 18.05
CIElCh	59, 41.015, 153.891
Yxy	27.4586, 0.2810, 0.4241
Android (android.graphics.Color)	4283211630 (0xFF4C9F6E)
YUV	128.5970, -9.1683, -46.1276
Hunter-Lab	52.4009, -29.7281, 15.0775

Details

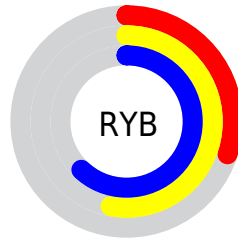
The Decimal color **5021550** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10439805**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **8574626**, and **879422** is the 20% darker color. If you saturate the color by 10%, you get **3972965**, and if you desaturate by 10%, it is **6070135**.

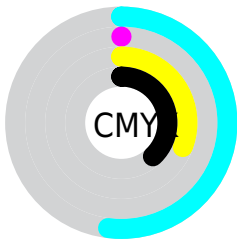
Distribution



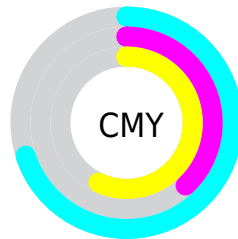
- Red (30%)
- Green (62%)
- Blue (43%)



- Red (30%)
- Yellow (53%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (31%)
- Black (38%)



- Cyan (70%)
- Magenta (38%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5021550 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 5021550 by changing the saturation by 10% instead.

 5021550

 5021550

16777215

 3179605

 8574626

 879422

 10417085

 21032

 12255193

 14867

 14155765

 9472

 16056319

 0


 5021550

 5021550

 3972965

 6070135

 2924379

 7118721

■ 1875794

■ 8167306

■ 827208

■ 9215892

■ 40769

■ 10264477

■ 11247526

■ 12296112

■ 13344697

■ 14393282

Harmonies

Analogous

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



8100177



5021550



41619

Triad

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



5021550



6066647



13727337

Complementary

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



5021550



10439805

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.



13791628



5021550



9995467

Square

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



5021550



39887



12613551



12485199

Rectangle

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



5021550



41387



12613551



13857652

Sweetspot

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



5021550



11456443



8298316



5597533



15263976



6908265

Same Dimension

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



5021550



5033858



5021591



4673354



36666



3846

Inverse Universe

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



10439805



13585561



10439764



5195596



9371732



983049

Previews

White Background



This preview shows how the Decimal color 5021550 looks on a white background.

Color Contrast Check

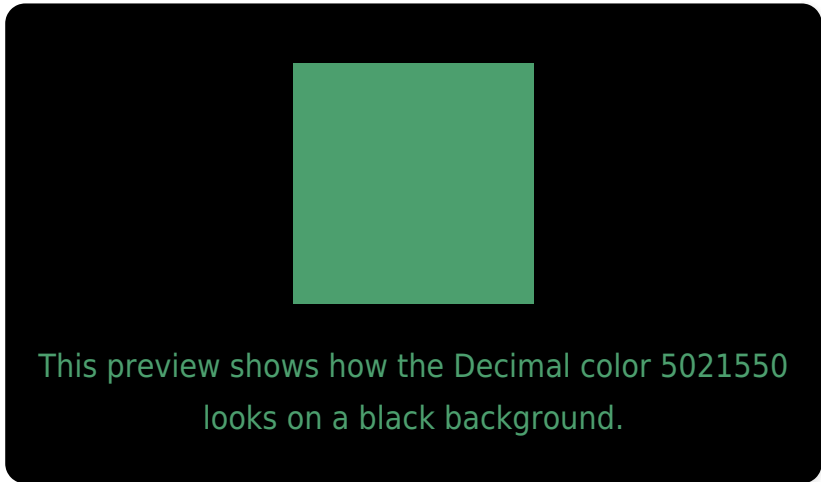
Large Text (above 18pt) WCAG AA ✓ Pass

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

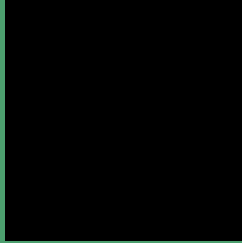
Any Text WCAG AA ✓ Pass

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 5021550 Background



This preview shows how black text looks on a background with the Decimal color 5021550.



This preview shows how white text looks on a background with the Decimal color 5021550.

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



Trichromacy



Original Color
5021550



Protanomaly
8229993



Deuteranomaly
8753521



Tritanomaly
5675920

Monochromacy



Original Color
5021550



Achromatopsia
8487297



Achromatomaly
7244922

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5021550 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 #4C9F6E looks like.

```
.text, #text, p{  
    color:#4C9F6E  
}
```

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 #4C9F6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9F6E
}
```

Border

The CSS property to change the border of an element to Decimal 5021550 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
#4C9F6E }
```

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

```
.border{ border-color:#4C9F6E }
```

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

Here you see how a box with a 4 pixel #4C9F6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9F6E; -webkit-box-shadow:4px 4px  
4px 4px #4C9F6E; box-shadow:4px 4px 4px  
4px #4C9F6E }
```

Background

The CSS property to change the background color of an element to Decimal 5021550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9F6E }
```

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

```
.background{ background-color:#4C9F6E }
```

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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