

Converting Colors

Decimal(5155953)

Have a look what the booklet for
Decimal(5155953) contains.

Decimal(5155953)	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(5155953)

Conversions

Conversions Part 1

Format	Color
Hex	4EAC71
RGB	78, 172, 113
RGB Percent	31%, 67%, 44%
CMY	0.6941, 0.3255, 0.5569
CMYK	0.55, 0.00, 0.34, 0.33
HSL	142°, 38%, 49%
HSV	142°, 55%, 67%
XYZ	20.8750, 32.3170, 20.7604
YIQ	137.1680, -37.0850, -38.2770

Conversions

Conversions Part 2

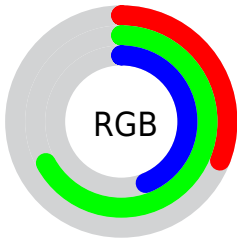
Format	Color
RYB	78, 146, 172
Decimal	5155953
CIELab	63.60, -41.45, 22.14
CIELCh	64, 46.991, 151.896
Yxy	32.3170, 0.2823, 0.4370
Android (android.graphics.Color)	4283346033 (0xFF4EAC71)
YUV	137.1680, -11.9148, -51.8903
Hunter-Lab	56.8480, -33.9375, 18.1415

Details

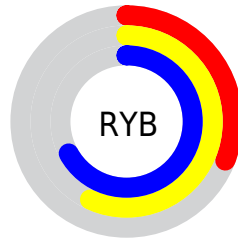
The Decimal color **5155953** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11292297**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **8840357**, and **554816** is the 20% darker color. If you saturate the color by 10%, you get **4041830**, and if you desaturate by 10%, it is **6270076**.

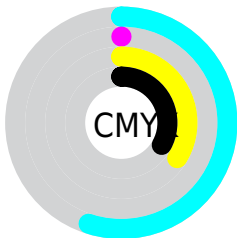
Distribution



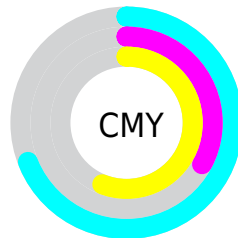
- Red (31%)
- Green (67%)
- Blue (44%)



- Red (31%)
- Yellow (57%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (34%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5155953 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 5155953 by changing the saturation by 10% instead.

 5155953

 5155953

16777215

 3248472

 8840357

 554816

 10682304

 23850

 12517340

 17684

 14417913

 11776

 16383999

 5376

 0

 5155953

 5155953

 4041830

 6270076

■ 2927707

■ 7384199

■ 1748049

■ 8563857

■ 633926

■ 9677980

■ 44096

■ 10792103

■ 11906226

■ 13020349

■ 14200007

■ 15314130

Harmonies

Analogous

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



8758608



5155953



44955

Triad

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



5155953



5545709



15105136

Complementary

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



5155953



11292297

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.



15169433



5155953



10522337

Square

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



5155953



43491



13663938



13797968

Rectangle

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



5155953



44984



13663938



15300989

Sweetspot

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



5155953



12378314



9088078



5992547



15790320



7368816

Same Dimension

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



5155953



5038211



5155999



5134161



38456



5897

Inverse Universe

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



11292297



14699689



11292251



5721683



9830494



1507342

Previews

White Background



This preview shows how the Decimal color 5155953 looks on a white background.

Color Contrast Check

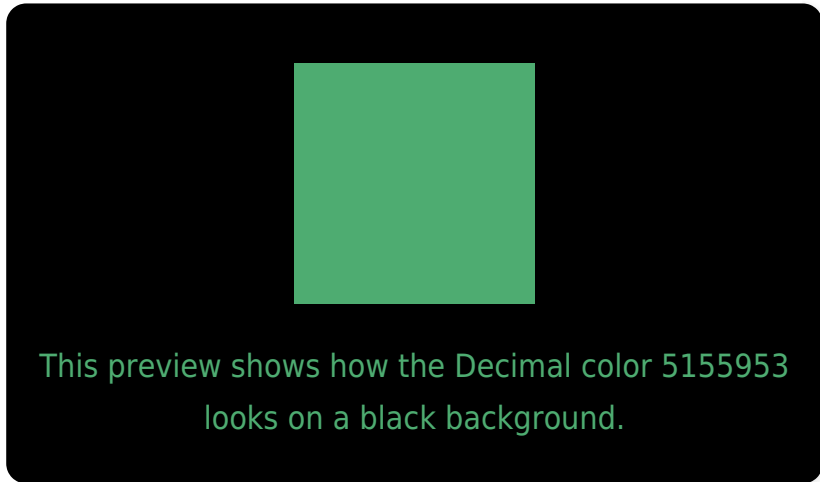
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Decimal 5155953 Background



This preview shows how black text looks on a background with the Decimal color 5155953.

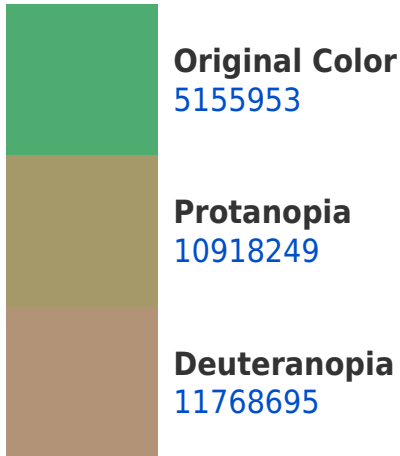



This preview shows how white text looks on a background with the Decimal color 5155953.

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





Tritanopia
6333617

Trichromacy



Original Color
5155953



Protanomaly
8822892



Deuteranomaly
9346165



Tritanomaly
5875610

Monochromacy



Original Color
5155953



Achromatopsia
9013641



Achromatomaly
7640704

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5155953 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 #4EAC71 looks like.

```
.text, #text, p{  
    color:#4EAC71  
}
```

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 #4EAC71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAC71
}
```

Border

The CSS property to change the border of an element to Decimal 5155953 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
#4EAC71 }
```

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

```
.border{ border-color:#4EAC71 }
```

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

Here you see how a box with a 4 pixel #4EAC71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAC71; -webkit-box-shadow:4px 4px  
4px 4px #4EAC71; box-shadow:4px 4px 4px  
4px #4EAC71 }
```

Background

The CSS property to change the background color of an element to Decimal 5155953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAC71 }
```

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

```
.background{ background-color:#4EAC71 }
```

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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