

# Converting Colors

Decimal(5342050)

Have a look what the booklet for  
Decimal(5342050) contains.

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# Color

**Decimal(5342050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	518362
RGB	81, 131, 98
RGB Percent	32%, 51%, 38%
CMY	0.6824, 0.4863, 0.6157
CMYK	0.38, 0.00, 0.25, 0.49
HSL	140°, 24%, 42%
HSV	140°, 38%, 51%
XYZ	13.7142, 18.8638, 14.4735
YIQ	112.2880, -19.2070, -20.8630

# Conversions

## Conversions Part 2

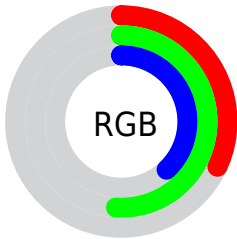
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 118, 131
Decimal	5342050
CIELab	50.53, -24.51, 12.63
CIElCh	51, 27.571, 152.732
Yxy	18.8638, 0.2915, 0.4009
Android (android.graphics.Color)	4283532130 (0xFF518362)
YUV	112.2880, -7.0440, -27.4396
Hunter-Lab	43.4324, -19.6436, 10.6448

# Details

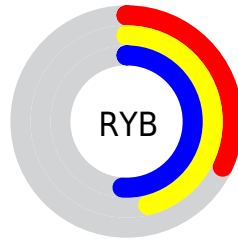
The Decimal color **5342050** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8606066**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **8698005**, and **2117939** is the 20% darker color. If you saturate the color by 10%, you get **4490073**, and if you desaturate by 10%, it is **6194027**.

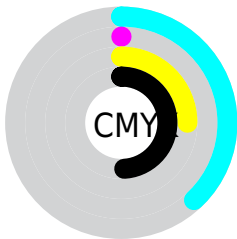
# Distribution



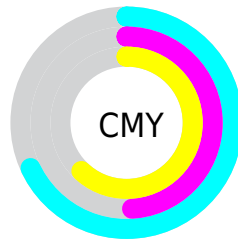
- Red (32%)
- Green (51%)
- Blue (38%)



- Red (32%)
- Yellow (46%)
- Blue (51%)



- Cyan (38%)
- Magenta (0%)
- Yellow (25%)
- Black (49%)



- Cyan (68%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5342050 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 5342050 by changing the saturation by 10% instead.





5342050



5342050

16777215



3697226



8698005



2117939



10474671



277022



12251595



9222



14155751



1024



15990783



0



5342050



5342050



4490073



6194027



3638097



7046003

■ 2786120

■ 7897980

■ 1934143

■ 8749957

■ 1082167

■ 9667469

■ 164654

■ 10519446

■ 33581

■ 11371423

■ 12223399

■ 13075376

# Harmonies

## Analogous

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



7175760



5342050



3376506

# Triad

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



5342050



5995175



10840416

# Complementary

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



5342050



8606066

# 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.



10839671



5342050



8286624

# Square

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



5342050



3440801



9988750



10121039

# Rectangle

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



5342050



2262410



9988750



10905447



# Sweetspot

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



5342050



10005406



7504721



4937551



14079702



5723991



# Same Dimension

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



5342050



6073207



5342075



3949118



33324



769



# Inverse Universe

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



8606066



11230352



8606041



4340800



8519766



196610



# Previews

## White Background



This preview shows how the Decimal color 5342050 looks on a white background.

## Color Contrast Check

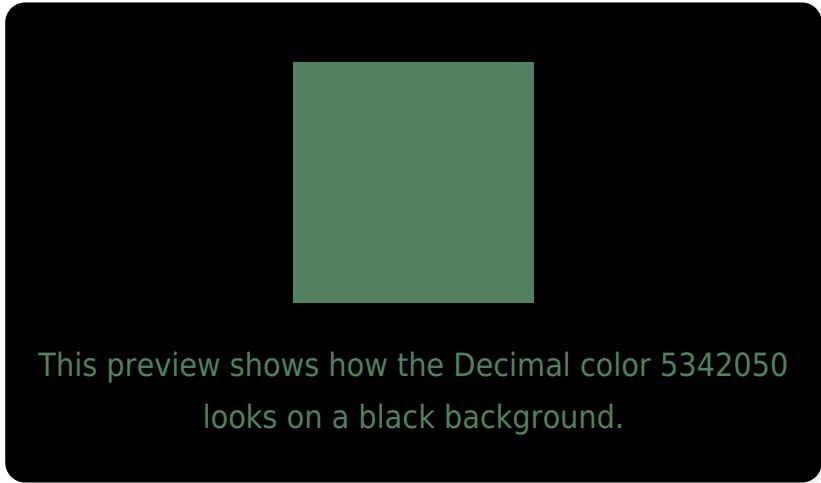
Large Text (above 18pt) WCAG AA ✓ Pass

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

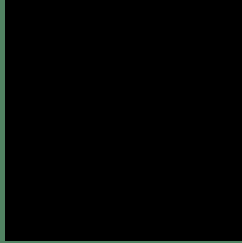
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5342050 Background



This preview shows how black text looks on a background with the Decimal color 5342050.



This preview shows how white text looks on a background with the Decimal color 5342050.

# 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**  
5342050

**Protanopia**  
8419421

**Deuteranopia**  
9073509



**Tritanopia**  
5865096

# Trichromacy



**Original Color**  
5342050

**Protanomaly**  
7306335

**Deuteranomaly**  
7698788

**Tritanomaly**  
5668986

# Monochromacy



**Original Color**  
5342050

**Achromatopsia**  
7368816

**Achromatomaly**  
6649707

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5342050 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 #518362 looks like.

```
.text, #text, p{  
  color:#518362  
}
```

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 #518362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518362
}
```

## Border

The CSS property to change the border of an element to Decimal 5342050 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
#518362 }
```

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

```
.border{ border-color:#518362 }
```

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

Here you see how a box with a 4 pixel #518362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518362; -webkit-box-shadow:4px 4px  
4px 4px #518362; box-shadow:4px 4px 4px  
4px #518362 }
```

# Background

The CSS property to change the background color of an element to Decimal 5342050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518362 }
```

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

```
.background{ background-color:#518362 }
```

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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