

Converting Colors

Decimal(5342040)

Have a look what the booklet for
Decimal(5342040) contains.

Decimal(5342040)	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(5342040)

Conversions

Conversions Part 1

Format	Color
Hex	518358
RGB	81, 131, 88
RGB Percent	32%, 51%, 35%
CMY	0.6824, 0.4863, 0.6549
CMYK	0.38, 0.00, 0.33, 0.49
HSL	128°, 24%, 42%
HSV	128°, 38%, 51%
XYZ	13.2711, 18.6865, 12.1399
YIQ	111.1480, -15.9970, -23.9730

Conversions

Conversions Part 2

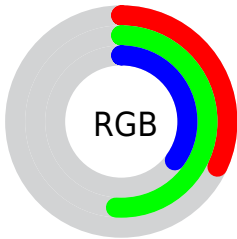
Format	Color
R_{YB}	81, 125, 131
Decimal	5342040
CIE _{Lab}	50.32, -26.46, 18.08
CIE _{LCh}	50, 32.049, 145.655
Yxy	18.6865, 0.3009, 0.4238
Android (android.graphics.Color)	4283532120 (0xFF518358)
YUV	111.1480, -11.4120, -26.4398
Hunter-Lab	43.2279, -20.8488, 13.6088

Details

The Decimal color **5342040** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8606076**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **8697994**, and **2117930** is the 20% darker color. If you saturate the color by 10%, you get **4490061**, and if you desaturate by 10%, it is **6194019**.

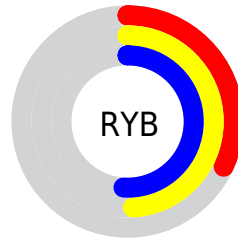
Distribution



Red (32%)

Green (51%)

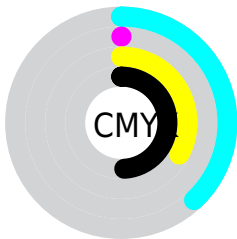
Blue (35%)



Red (32%)

Yellow (49%)

Blue (51%)

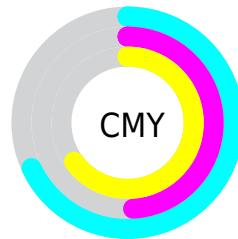


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (49%)



Cyan (68%)

Magenta (49%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5342040 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 5342040 by changing the saturation by 10% instead.



5342040



5342040

16777215



3697216



8697994



2117930



10474661



277013



12317120



9216



14155740



512



15990776



0



5342040



5342040



4490061



6194019



3638081



7045999

■ 2786102

■ 7897978

■ 1934123

■ 8749957

■ 1082144

■ 9667472

■ 164628

■ 10519452

■ 33554

■ 11371431

■ 12223410

■ 13075389

Harmonies

Analogous

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



7437637



5342040



2655859

Triad

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



5342040



4619438



11297890

Complementary

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



5342040



8606076

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.



11100797



5342040



7697065

Square

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



5342040



33444



9857175



10578764

Rectangle

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



5342040



34438



9857175



11362922

Sweetspot

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



5342040



10005403



8160081



4937549



14079702



5723991

Same Dimension

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



5342040



6073191



5342065



3949117



33298



768

Inverse Universe

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



8606076



11230368



8606051



4340801



8519792



196610

Previews

White Background



This preview shows how the Decimal color 5342040 looks on a white background.

Color Contrast Check

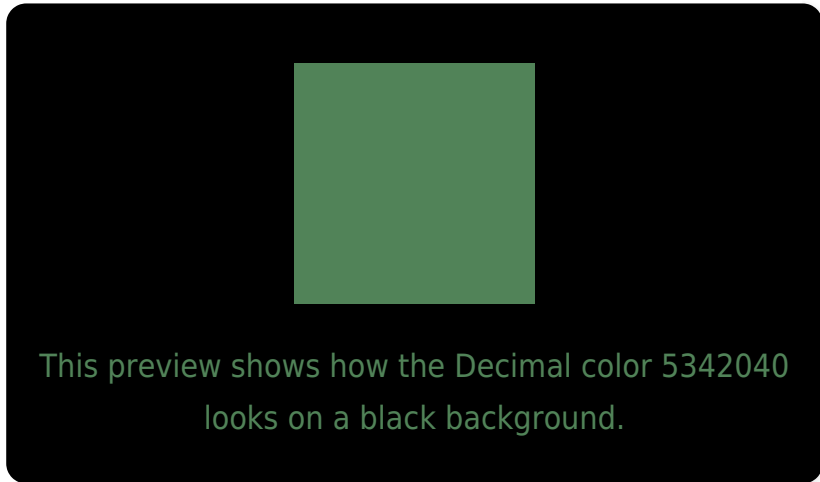
Large Text (above 18pt) WCAG AA ✓ Pass

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

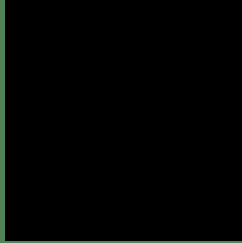
Any Text WCAG AA ✓ Pass

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 5342040 Background



This preview shows how black text looks on a background with the Decimal color 5342040.




This preview shows how white text looks on a background with the Decimal color 5342040.

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
5995911

Trichromacy



Original Color
5342040

Protanomaly
7371605

Deuteranomaly
7829595

Tritanomaly
5734262

Monochromacy



Original Color
5342040

Achromatopsia
7303023

Achromatomaly
6583911

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5342040 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 #518358 looks like.

```
.text, #text, p{  
  color:#518358  
}
```

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 #518358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518358
}
```

Border

The CSS property to change the border of an element to Decimal 5342040 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
#518358 }
```

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

```
.border{ border-color:#518358 }
```

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

Here you see how a box with a 4 pixel #518358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518358; -webkit-box-shadow:4px 4px  
4px 4px #518358; box-shadow:4px 4px 4px  
4px #518358 }
```

Background

The CSS property to change the background color of an element to Decimal 5342040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518358 }
```

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

```
.background{ background-color:#518358 }
```

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