

Converting Colors

Decimal(5335114)

Have a look what the booklet for
Decimal(5335114) contains.

Decimal(5335114)	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(5335114)

Conversions

Conversions Part 1

Format	Color
Hex	51684A
RGB	81, 104, 74
RGB Percent	32%, 41%, 29%
CMY	0.6824, 0.5922, 0.7098
CMYK	0.22, 0.00, 0.29, 0.59
HSL	106°, 17%, 35%
HSV	106°, 29%, 41%
XYZ	9.5797, 12.1444, 8.3178
YIQ	93.7030, -4.0780, -14.2060

Conversions

Conversions Part 2

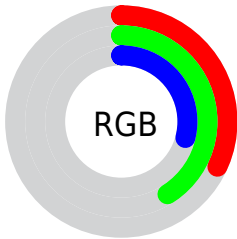
Format	Color
RYB	74, 104, 97
Decimal	5335114
CIELab	41.44, -14.92, 14.18
CIELCh	41, 20.583, 136.452
Yxy	12.1444, 0.3189, 0.4042
Android (android.graphics.Color)	4283525194 (0xFF51684A)
YUV	93.7030, -9.7136, -11.1405
Hunter-Lab	34.8488, -11.9170, 10.2427

Details

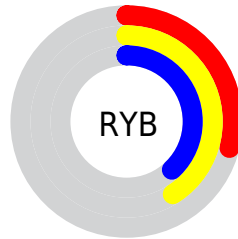
The Decimal color **5335114** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6376040**, and the grayscale version is **6184542**.

A 20% lighter version of the original color is **8625019**, and **2308382** is the 20% darker color. If you saturate the color by 10%, you get **4810816**, and if you desaturate by 10%, it is **5859412**.

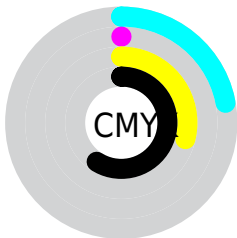
Distribution



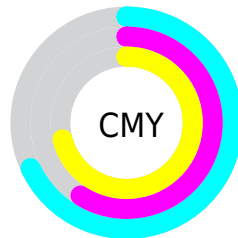
- Red (32%)
- Green (41%)
- Blue (29%)



- Red (29%)
- Yellow (41%)
- Blue (38%)



- Cyan (22%)
- Magenta (0%)
- Yellow (29%)
- Black (59%)



- Cyan (68%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5335114 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 5335114 by changing the saturation by 10% instead.



5335114



5335114

16777215



3821619



8625019



2308382



10335893



992006



12112559



2560



13954763



0



15794151



5335114



5335114



4810816



5859412



4286517



6383711

■ 3762219

■ 6908009

■ 3237920

■ 7432308

■ 2713622

■ 7956606

■ 2189324

■ 8480904

■ 1665025

■ 9005203

■ 1599488

■ 9529501

■ 10053800

Harmonies

Analogous

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



6579265



5335114



4025177

Triad

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



5335114



4220546



8672601

Complementary

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



5335114



6376040

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.



8279658



5335114



5857410

Square

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



5335114



2976122



7363193



8411466

Rectangle

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



5335114



3304293



7363193



8607071

Sweetspot

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



5335114



8292219



6840650



4146493



12895428



4539717

Same Dimension

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



5335114



6522712



4876370



3093294



1798912



3797504

Inverse Universe

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



6376040



8149127



6834784



3288627



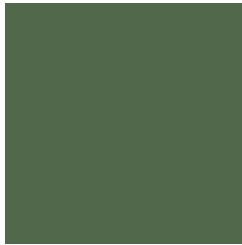
5767283



12189938

Previews

White Background



This preview shows how the Decimal color 5335114 looks on a white background.

Color Contrast Check

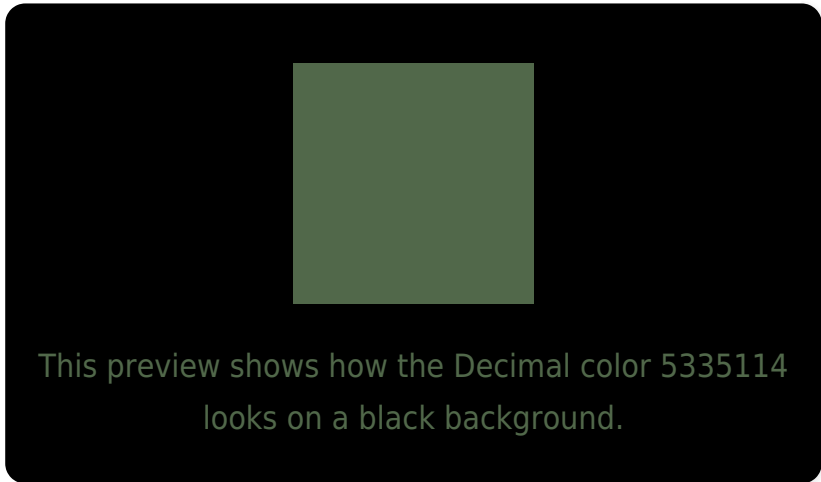
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

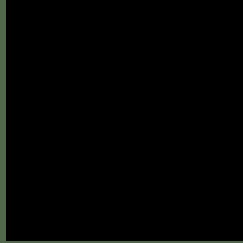
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5335114 Background



This preview shows how black text looks on a background with the Decimal color 5335114.



This preview shows how white text looks on a background with the Decimal color 5335114.

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
5335114

Protanopia
6906183

Deuteranopia
7495244



Tritanopia
5727340

Trichromacy



Original Color
5335114

Protanomaly
6317128

Deuteranomaly
6709835

Tritanomaly
5596512

Monochromacy



Original Color
5335114

Achromatopsia
6184542

Achromatomaly
5857879

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5335114 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 #51684A looks like.

```
.text, #text, p{  
    color:#51684A  
}
```

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 #51684A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51684A
}
```

Border

The CSS property to change the border of an element to Decimal 5335114 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
#51684A }
```

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

```
.border{ border-color:#51684A }
```

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

Here you see how a box with a 4 pixel #51684A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51684A; -webkit-box-shadow:4px 4px  
4px 4px #51684A; box-shadow:4px 4px 4px  
4px #51684A }
```

Background

The CSS property to change the background color of an element to Decimal 5335114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51684A }
```

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

```
.background{ background-color:#51684A }
```

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