

Converting Colors

Decimal(5996114)

Have a look what the booklet for
Decimal(5996114) contains.

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Color

Decimal(5996114)

Conversions

Conversions Part 1

Format	Color
Hex	5B7E52
RGB	91, 126, 82
RGB Percent	36%, 49%, 32%
CMY	0.6431, 0.5059, 0.6784
CMYK	0.28, 0.00, 0.35, 0.51
HSL	108°, 21%, 41%
HSV	108°, 35%, 49%
XYZ	13.2982, 17.7551, 10.7088
YIQ	110.5190, -6.7360, -21.1040

Conversions

Conversions Part 2

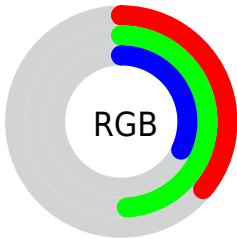
Format	Color
RYB	82, 126, 117
Decimal	5996114
CIELab	49.20, -21.45, 20.09
CIELCh	49, 29.392, 136.879
Yxy	17.7551, 0.3184, 0.4251
Android (android.graphics.Color)	4284186194 (0xFF5B7E52)
YUV	110.5190, -14.0599, -17.1182
Hunter-Lab	42.1367, -17.4052, 14.4275

Details

The Decimal color **5996114** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7688830**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **9352068**, and **2837796** is the 20% darker color. If you saturate the color by 10%, you get **5340741**, and if you desaturate by 10%, it is **6651487**.

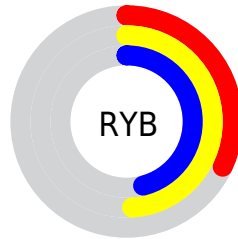
Distribution



Red (36%)

Green (49%)

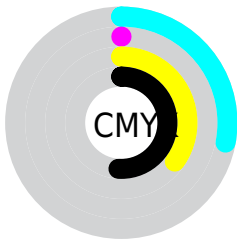
Blue (32%)



Red (32%)

Yellow (49%)

Blue (46%)

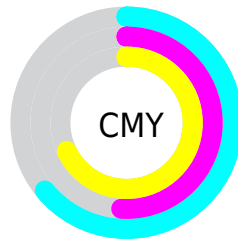


Cyan (28%)

Magenta (0%)

Yellow (35%)

Black (51%)



Cyan (64%)

Magenta (51%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5996114 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 5996114 by changing the saturation by 10% instead.



5996114



5996114

16777215



4416827



9352068



2837796



11128478



1324559



12905401



8448



14811093



0



16711665



5996114



5996114



5340741



6651487



4685369



7306859

■ 4029996

■ 7962232

■ 3374624

■ 8617604

■ 2719251

■ 9272977

■ 2063878

■ 9928350

■ 1736192

■ 10583722

■ 11239095

■ 11894467

Harmonies

Analogous

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



7829572



5996114



3899753

Triad

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



5996114



3963813



10904168

Complementary

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



5996114



7688830

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.



10380161



5996114



6779812

Square

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



5996114



491673



9005463



10446674

Rectangle

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



5996114



2196090



9005463



10838384

Sweetspot

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



5996114



9872275



8287314



4870728



13750737



5395026

Same Dimension

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



5996114



7185247



5406302



3883065



1736704



0

Inverse Universe

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



7688830



9789347



8278642



4077888



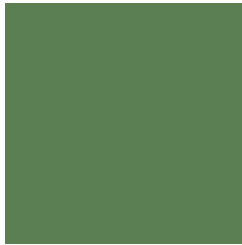
6619264



0

Previews

White Background



This preview shows how the Decimal color 5996114 looks on a white background.

Color Contrast Check

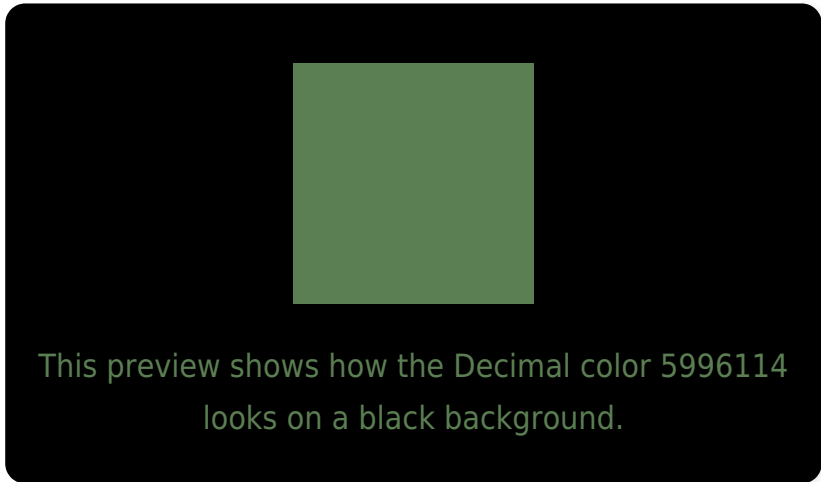
Large Text (above 18pt) WCAG AA ✓ Pass

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

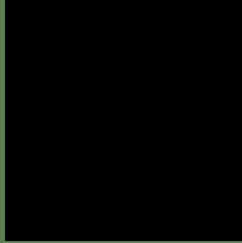
Any Text WCAG AA ✓ Pass

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 5996114 Background



This preview shows how black text looks on a background with the Decimal color 5996114.



This preview shows how white text looks on a background with the Decimal color 5996114.

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
5996114

Protanopia
8287310

Deuteranopia
9072725



Tritanopia
6518914

Trichromacy



Original Color
5996114

Protanomaly
7436367

Deuteranomaly
7959892

Tritanomaly
6322801

Monochromacy



Original Color
5996114

Achromatopsia
7303023

Achromatomaly
6845540

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5996114 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 #5B7E52 looks like.

```
.text, #text, p{  
    color:#5B7E52  
}
```

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 #5B7E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7E52
}
```

Border

The CSS property to change the border of an element to Decimal 5996114 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".

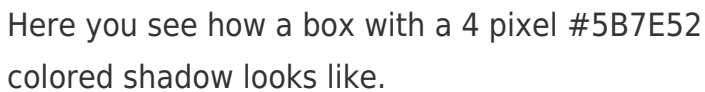
```
.border, #border, table{ border:4px solid
#5B7E52 }
```

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

```
.border{ border-color:#5B7E52 }
```

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

Here you see how a box with a 4 pixel #5B7E52 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7E52; -webkit-box-shadow:4px 4px  
4px 4px #5B7E52; box-shadow:4px 4px 4px  
4px #5B7E52 }
```

Background

The CSS property to change the background color of an element to Decimal 5996114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7E52 }
```

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

```
.background{ background-color:#5B7E52 }
```

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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