

Converting Colors

Decimal(5930533)

Have a look what the booklet for
Decimal(5930533) contains.

Decimal(5930533)	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(5930533)

Conversions

Conversions Part 1

Format	Color
Hex	5A7E25
RGB	90, 126, 37
RGB Percent	35%, 49%, 15%
CMY	0.6471, 0.5059, 0.8549
CMYK	0.29, 0.00, 0.71, 0.51
HSL	84°, 55%, 32%
HSV	84°, 71%, 49%
XYZ	12.0112, 17.2289, 4.4427
YIQ	105.0900, 7.1130, -35.3110

Conversions

Conversions Part 2

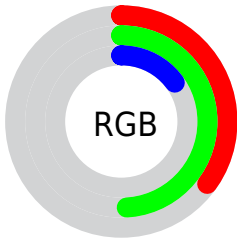
Format	Color
R_{YB}	37, 126, 73
Decimal	5930533
CIE _{Lab}	48.55, -27.31, 42.43
CIE _{LCh}	49, 50.463, 122.764
Yxy	17.2289, 0.3566, 0.5115
Android (android.graphics.Color)	4284120613 (0xFF5A7E25)
YUV	105.0900, -33.5684, -13.2339
Hunter-Lab	41.5078, -20.9855, 22.7094




Details

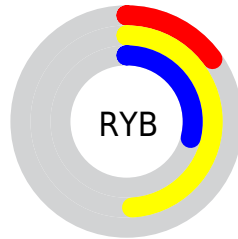
The Decimal color **5930533** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4793726**, and the grayscale version is **6908265**.




A 20% lighter version of the original color is **9417559**, and **2575616** is the 20% darker color. If you saturate the color by 10%, you get **5602840**, and if you desaturate by 10%, it is **6258226**.

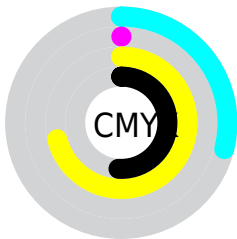
Distribution







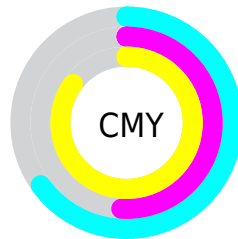
-  Red (35%)
-  Green (49%)
-  Blue (15%)






-  Red (15%)
-  Yellow (49%)
-  Blue (29%)



-  Cyan (29%)
-  Magenta (0%)
-  Yellow (71%)
-  Black (51%)



-  Cyan (65%)
-  Magenta (51%)
-  Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5930533 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 5930533 by changing the saturation by 10% instead.

■ 5930533

■ 5930533

16777215

■ 4220168

■ 9417559

■ 2575616

■ 11194225

■ 800256

■ 13036427

■ 8448

■ 14942118

■ 0

■ 16777154

■ 16777182

■ 16777211

■ 5930533

■ 5930533

■ 5602840

■ 6258226

■ 5275148

■ 6585918

■ 4947456

■ 6913611

■ 7241303

■ 7568996

■ 7962225

■ 8289917

■ 8617610

■ 8945302

Harmonies

Analogous

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



8811282



5930533



427338

Triad

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



5930533



33471



12536433

Complementary

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



5930533



4793726

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.



11162779



5930533



30665

Square

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



5930533



34720



7956155



12407368

Rectangle

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



5930533



34663



7956155



12274816

Sweetspot

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



5930533



9806721



8276261



4805181



13750737



5395026

Same Dimension

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



5930533



7054104



3046949



4014137



5013504



0

Inverse Universe

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



4793726



5314723



7677310



3946816



3408000



0

Previews

White Background



This preview shows how the Decimal color 5930533 looks on a white background.

Color Contrast Check

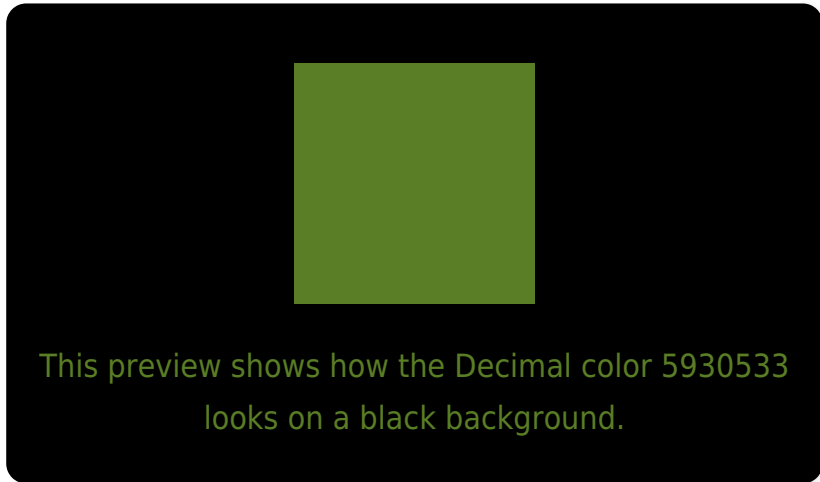
Large Text (above 18pt) WCAG AA ✓ Pass

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 5930533 Background



This preview shows how black text looks on a background with the Decimal color 5930533.



This preview shows how white text looks on a background with the Decimal color 5930533.

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
5930533

Protanopia
8483618

Deuteranopia
9399595



Tritanopia
6649471

Trichromacy



Original Color
5930533

Protanomaly
7567139

Deuteranomaly
8155945

Tritanomaly
6388062

Monochromacy



Original Color
5930533

Achromatopsia
6908265

Achromatomaly
6582608

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5930533 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 #5A7E25 looks like.

```
.text, #text, p{  
    color:#5A7E25  
}
```

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 #5A7E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A7E25
}
```

Border

The CSS property to change the border of an element to Decimal 5930533 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
#5A7E25 }
```

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

```
.border{ border-color:#5A7E25 }
```

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

Here you see how a box with a 4 pixel #5A7E25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A7E25; -webkit-box-shadow:4px 4px  
4px 4px #5A7E25; box-shadow:4px 4px 4px  
4px #5A7E25 }
```

Background

The CSS property to change the background color of an element to Decimal 5930533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A7E25 }
```

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

```
.background{ background-color:#5A7E25 }
```

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