

Converting Colors

Decimal(6201133)

Have a look what the booklet for
Decimal(6201133) contains.

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Color

Decimal(6201133)

Conversions

Conversions Part 1

Format	Color
Hex	5E9F2D
RGB	94, 159, 45
RGB Percent	37%, 62%, 18%
CMY	0.6314, 0.3765, 0.8235
CMYK	0.41, 0.00, 0.72, 0.38
HSL	94°, 56%, 40%
HSV	94°, 72%, 62%
XYZ	17.4879, 27.3654, 6.8430
YIQ	126.5690, -2.1460, -49.2340

Conversions

Conversions Part 2

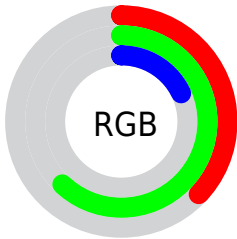
Format	Color
R_{YB}	45, 159, 110
Decimal	6201133
CIE _{Lab}	59.31, -40.23, 50.33
CIE _{LCh}	59, 64.435, 128.639
Yxy	27.3654, 0.3383, 0.5293
Android (android.graphics.Color)	4284391213 (0xFF5E9F2D)
YUV	126.5690, -40.2135, -28.5630
Hunter-Lab	52.3120, -31.8734, 28.8626

Details

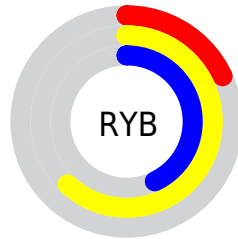
The Decimal color **6201133** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7220639**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9819746**, and **2452224** is the 20% darker color. If you saturate the color by 10%, you get **5611293**, and if you desaturate by 10%, it is **6790973**.

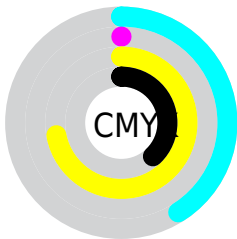
Distribution



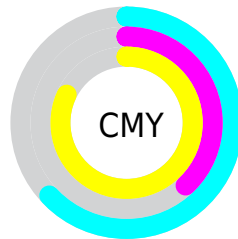
- Red (37%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (43%)



- Cyan (41%)
- Magenta (0%)
- Yellow (72%)
- Black (38%)



- Cyan (63%)
- Magenta (38%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6201133 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 6201133 by changing the saturation by 10% instead.

 6201133

 6201133

16777215

 4424974

 9819746

 2452224

 11662204

 86528

 13565847

 14848

 15466419

 9728

 16777167

 0

 16777196

 6201133

 6201133

 5611293

 6790973

■ 5021453

■ 7380813

■ 4497152

■ 7970653

■ 8560493

■ 9150333

■ 9740172

■ 10330012

■ 10985388

■ 11575228

Harmonies

Analogous

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



10195200



6201133



42595

Triad

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



6201133



41208



16012673

Complementary

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



6201133



7220639

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.



14639033



6201133



1478911

Square

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



6201133



43220



10909928



15426891

Rectangle

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



6201133



43402



10909928



15816340

Sweetspot

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



6201133



11915169



10448429



5859661



15263976



6908265

Same Dimension

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



6201133



6934301



2989877



4935495



4034304



462592

Inverse Universe

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



7220639



8527311



10431895



4998991



5308559



589839

Previews

White Background



This preview shows how the Decimal color 6201133 looks on a white background.

Color Contrast Check

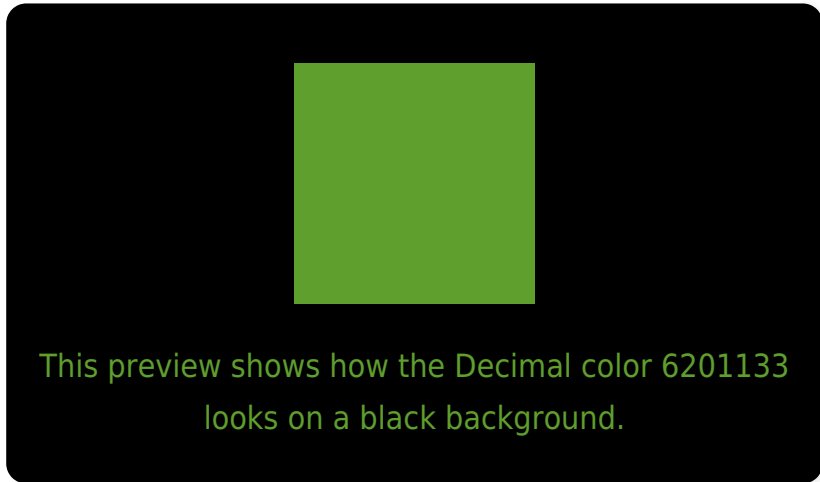
Large Text (above 18pt) WCAG AA ✓ Pass

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 6201133 Background



This preview shows how black text looks on a background with the Decimal color 6201133.



This preview shows how white text looks on a background with the Decimal color 6201133.

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
6201133

Protanopia
10456617

Deuteranopia
11634486



Tritanopia
7312544

Trichromacy



Original Color
6201133

Protanomaly
8885290

Deuteranomaly
9670707

Tritanomaly
6920310

Monochromacy



Original Color
6201133

Achromatopsia
8355711

Achromatomaly
7572321

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6201133 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 #5E9F2D looks like.

```
.text, #text, p{  
    color:#5E9F2D  
}
```

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 #5E9F2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9F2D
}
```

Border

The CSS property to change the border of an element to Decimal 6201133 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
#5E9F2D }
```

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

```
.border{ border-color:#5E9F2D }
```

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

Here you see how a box with a 4 pixel #5E9F2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9F2D; -webkit-box-shadow:4px 4px  
4px 4px #5E9F2D; box-shadow:4px 4px 4px  
4px #5E9F2D }
```

Background

The CSS property to change the background color of an element to Decimal 6201133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9F2D }
```

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

```
.background{ background-color:#5E9F2D }
```

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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