

Converting Colors

Decimal(6003031)

Have a look what the booklet for
Decimal(6003031) contains.

Decimal(6003031)	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(6003031)

Conversions

Conversions Part 1

Format	Color
Hex	5B9957
RGB	91, 153, 87
RGB Percent	36%, 60%, 34%
CMY	0.6431, 0.4000, 0.6588
CMYK	0.41, 0.00, 0.43, 0.40
HSL	116°, 27%, 47%
HSV	116°, 43%, 60%
XYZ	17.4259, 25.6947, 13.0580
YIQ	126.9380, -15.7660, -33.6700

Conversions

Conversions Part 2

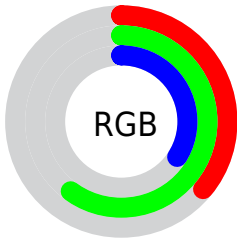
Format	Color
RYB	87, 153, 149
Decimal	6003031
CIELab	57.75, -33.83, 28.52
CIELCh	58, 44.244, 139.864
Yxy	25.6947, 0.3102, 0.4574
Android (android.graphics.Color)	4284193111 (0xFF5B9957)
YUV	126.9380, -19.6894, -31.5176
Hunter-Lab	50.6900, -27.3437, 20.2096

Details

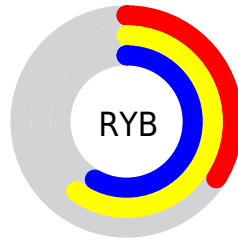
The Decimal color **6003031** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9787289**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **9490570**, and **2581800** is the 20% darker color. If you saturate the color by 10%, you get **5085512**, and if you desaturate by 10%, it is **6920550**.

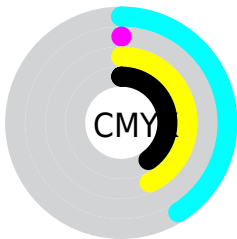
Distribution



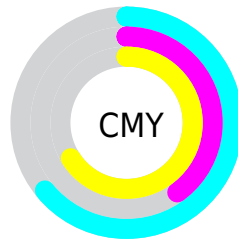
- Red (36%)
- Green (60%)
- Blue (34%)



- Red (34%)
- Yellow (60%)
- Blue (58%)



- Cyan (41%)
- Magenta (0%)
- Yellow (43%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6003031 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 6003031 by changing the saturation by 10% instead.

 6003031

 6003031

16777215


 4292415

 9490570

 2581800

 11332772

 412945

 13172672

 13568

 15007708

 8704

 16777208

 0

 6003031

 6003031

 5085512

 6920550

 4102456

 7903606

■ 3184937

■ 8821125

■ 2267418

■ 9738644

■ 1284363

■ 10721699

■ 628992

■ 11639219

■ 12622274

■ 13539793

■ 14457313

Harmonies

Analogous

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



8949823



6003031



40316

Triad

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



6003031



496598



13855603

Complementary

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



6003031



9787289

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.



13396890



6003031



7898835

Square

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



6003031



39877



11433661



13071953

Rectangle

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



6003031



40599



11433661



13855359

Sweetspot

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



6003031



11519917



10065239



5595988



14935011



6513507

Same Dimension

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



6003031



6735711



5740916



4541765



560128



68864

Inverse Universe

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



9787289



12672967



10049404



4998477



8650892



786445

Previews

White Background



This preview shows how the Decimal color 6003031 looks on a white background.

Color Contrast Check

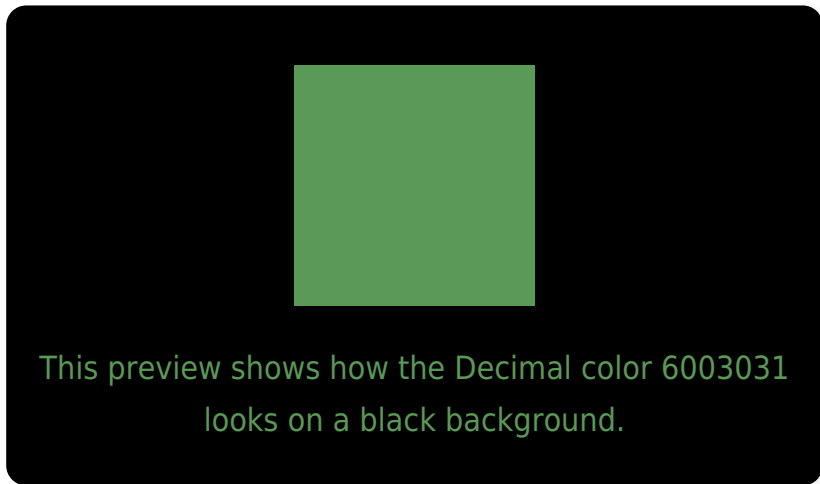
Large Text (above 18pt) WCAG AA ✓ Pass

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

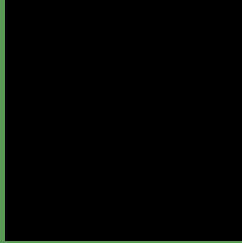
Any Text WCAG AA ✓ Pass

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 6003031 Background



This preview shows how black text looks on a background with the Decimal color 6003031.




This preview shows how white text looks on a background with the Decimal color 6003031.

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
6853021

Trichromacy



Original Color
6003031

Protanomaly
8490835

Deuteranomaly
9145434

Tritanomaly
6526084

Monochromacy



Original Color
6003031

Achromatopsia
8355711

Achromatomaly
7506032

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6003031 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 #5B9957 looks like.

```
.text, #text, p{  
    color:#5B9957  
}
```

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 #5B9957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9957
}
```

Border

The CSS property to change the border of an element to Decimal 6003031 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
#5B9957 }
```

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

```
.border{ border-color:#5B9957 }
```

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

Here you see how a box with a 4 pixel #5B9957 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9957; -webkit-box-shadow:4px 4px  
4px 4px #5B9957; box-shadow:4px 4px 4px  
4px #5B9957 }
```

Background

The CSS property to change the background color of an element to Decimal 6003031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9957 }
```

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

```
.background{ background-color:#5B9957 }
```

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