

Converting Colors

Decimal(6003748)

Have a look what the booklet for
Decimal(6003748) contains.

Decimal(6003748)	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(6003748)

Conversions

Conversions Part 1

Format	Color
Hex	5B9C24
RGB	91, 156, 36
RGB Percent	36%, 61%, 14%
CMY	0.6431, 0.3882, 0.8588
CMYK	0.42, 0.00, 0.77, 0.39
HSL	92°, 63%, 38%
HSV	92°, 77%, 61%
XYZ	16.5213, 26.1285, 5.8416
YIQ	122.8850, -0.2200, -51.1000

Conversions

Conversions Part 2

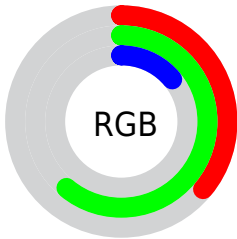
Format	Color
RYB	36, 156, 101
Decimal	6003748
CIELab	58.16, -40.61, 52.43
CIELCh	58, 66.314, 127.758
Yxy	26.1285, 0.3407, 0.5388
Android (android.graphics.Color)	4284193828 (0xFF5B9C24)
YUV	122.8850, -42.8343, -27.9631
Hunter-Lab	51.1160, -31.7597, 29.0055

Details

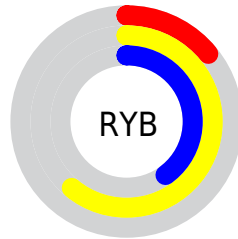
The Decimal color **6003748** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6628508**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **9622362**, and **2189312** is the 20% darker color. If you saturate the color by 10%, you get **5479444**, and if you desaturate by 10%, it is **6528052**.

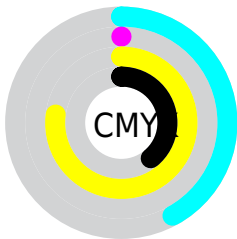
Distribution



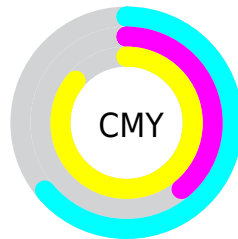
- Red (36%)
- Green (61%)
- Blue (14%)



- Red (14%)
- Yellow (61%)
- Blue (40%)



- Cyan (42%)
- Magenta (0%)
- Yellow (77%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6003748 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 6003748 by changing the saturation by 10% instead.

 6003748

 6003748

16777215

 4162048

 9622362

 2189312

 11464821

 20224

 13369232

 14336

 15269803

 8960

 16777159

 0

 16777188

 6003748

 6003748

 5479444

 6528052

■ 4889605

■ 7117891

■ 4758528

■ 7642195

■ 8232034

■ 8756338

■ 9346178

■ 9870481

■ 10460321

■ 10984624

Harmonies

Analogous

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



10128896



6003748



42077

Triad

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



6003748



40695



15945599

Complementary

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



6003748



6628508

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.



14441145



6003748



36607

Square

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



6003748



42450



10515944



15359816

Rectangle

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



6003748



42629



10515944



15683731

Sweetspot

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



6003748



11783325



10249252



5727817



15132390



6710886

Same Dimension

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



6003748



6736912



2399272



4935495



4296448



462592

Inverse Universe

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



6628508



7737548



10232984



4933455



5046415



524303

Previews

White Background



This preview shows how the Decimal color 6003748 looks on a white background.

Color Contrast Check

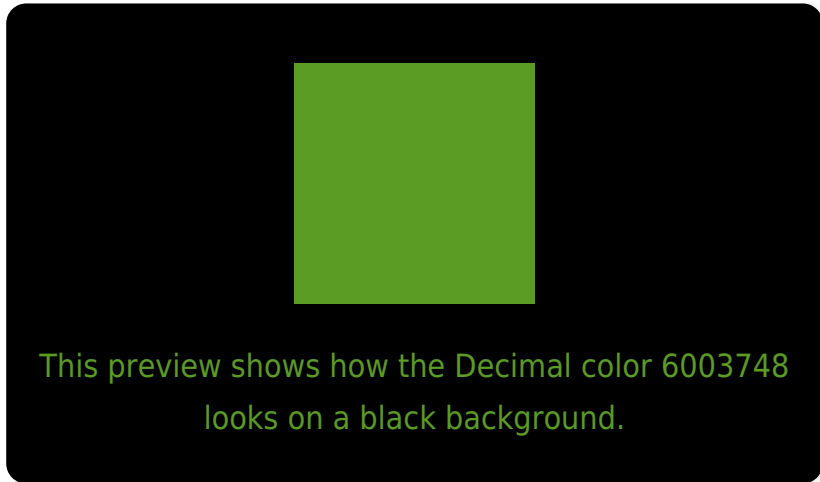
Large Text (above 18pt) WCAG AA ✓ Pass

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 6003748 Background



This preview shows how black text looks on a background with the Decimal color 6003748.



This preview shows how white text looks on a background with the Decimal color 6003748.

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
6003748

Protanopia
10259232

Deuteranopia
11437103



Tritanopia
7115165

Trichromacy



Original Color
6003748

Protanomaly
8687905

Deuteranomaly
9473323

Tritanomaly
6722929

Monochromacy



Original Color
6003748

Achromatopsia
8092539

Achromatomaly
7309147

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6003748 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 #5B9C24 looks like.

```
.text, #text, p{  
    color:#5B9C24  
}
```

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 #5B9C24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9C24
}
```

Border

The CSS property to change the border of an element to Decimal 6003748 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
#5B9C24 }
```

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

```
.border{ border-color:#5B9C24 }
```

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

Here you see how a box with a 4 pixel #5B9C24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9C24; -webkit-box-shadow:4px 4px  
4px 4px #5B9C24; box-shadow:4px 4px 4px  
4px #5B9C24 }
```

Background

The CSS property to change the background color of an element to Decimal 6003748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9C24 }
```

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

```
.background{ background-color:#5B9C24 }
```

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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