

Converting Colors

Decimal(6600549)

Have a look what the booklet for
Decimal(6600549) contains.

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Color

Decimal(6600549)

Conversions

Conversions Part 1

Format	Color
Hex	64B765
RGB	100, 183, 101
RGB Percent	39%, 72%, 40%
CMY	0.6078, 0.2824, 0.6039
CMYK	0.45, 0.00, 0.45, 0.28
HSL	121°, 37%, 55%
HSV	121°, 45%, 72%
XYZ	24.5380, 37.5159, 18.2599
YIQ	148.8350, -23.1460, -43.0980

Conversions

Conversions Part 2

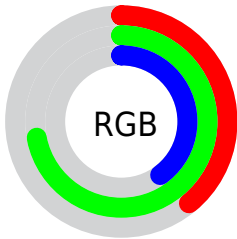
Format	Color
RYB	100, 182, 183
Decimal	6600549
CIELab	67.66, -42.24, 33.95
CIElCh	68, 54.195, 141.207
Yxy	37.5159, 0.3055, 0.4671
Android (android.graphics.Color)	4284790629 (0xFF64B765)
YUV	148.8350, -23.5827, -42.8283
Hunter-Lab	61.2502, -35.6774, 25.1996

Details

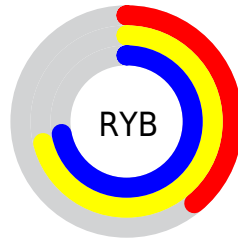
The Decimal color **6600549** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12018870**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **10219673**, and **2916660** is the 20% darker color. If you saturate the color by 10%, you get **5420883**, and if you desaturate by 10%, it is **7780215**.

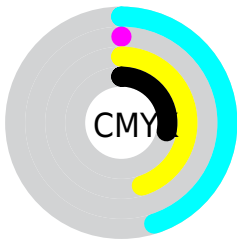
Distribution



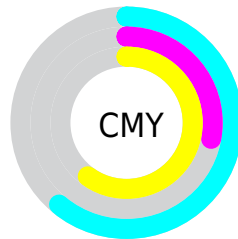
- Red (39%)
- Green (72%)
- Blue (40%)



- Red (39%)
- Yellow (71%)
- Blue (72%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (61%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6600549 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 6600549 by changing the saturation by 10% instead.



6600549



6600549

16777215



4758604



10219673



2916660



12058548



157724



13959120



20226



15859693



14080



8704



0



6600549



6600549



5420883



7780215

 4175681

 9025417

 2996015

 10205083

 1816349

 11384749

 571147

 12629951

 46850

 13809617

 14989284

 16168950

 16758783

Harmonies

Analogous

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



10464581



6600549



48276

Triad

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



6600549



44799



16743556

Complementary

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



6600549



12018870

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.



16219317



6600549



9412351

Square

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



6600549



47600



13863651



15698778

Rectangle

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



6600549



48566



13863651



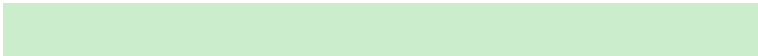
16743060

Sweetspot

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



6600549



13430220



12040036



6518884



16250871



7895160

Same Dimension

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



6600549



7204207



6600590



5463123



39938



7168

Inverse Universe

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



12018870



15560172



12018830



6050652



10223770



1835036

Previews

White Background



This preview shows how the Decimal color 6600549 looks on a white background.

Color Contrast Check

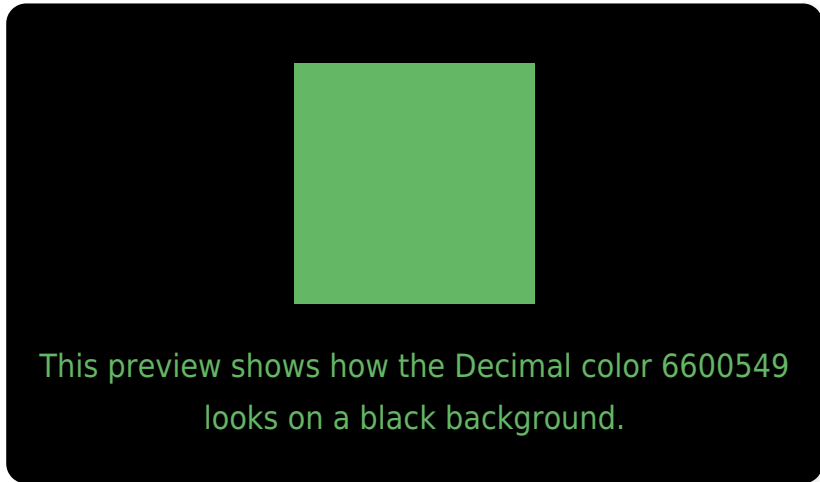
Large Text (above 18pt) WCAG AA × Fail

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

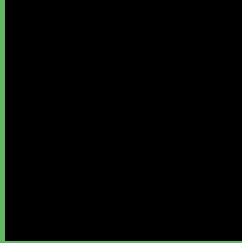
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6600549 Background



This preview shows how black text looks on a background with the Decimal color 6600549.



This preview shows how white text looks on a background with the Decimal color 6600549.

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



Trichromacy



Original Color
6600549



Protanomaly
9939809



Deuteranomaly
10659433



Tritanomaly
7319964

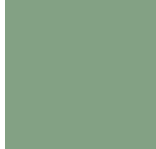
Monochromacy



Original Color
6600549



Achromatopsia
9803157



Achromatomaly
8626564

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6600549 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 #64B765 looks like.

```
.text, #text, p{  
  color:#64B765  
}
```

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 #64B765 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B765
}
```

Border

The CSS property to change the border of an element to Decimal 6600549 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
#64B765 }
```

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

```
.border{ border-color:#64B765 }
```

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

Here you see how a box with a 4 pixel #64B765 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B765; -webkit-box-shadow:4px 4px  
4px 4px #64B765; box-shadow:4px 4px 4px  
4px #64B765 }
```

Background

The CSS property to change the background color of an element to Decimal 6600549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B765 }
```

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

```
.background{ background-color:#64B765 }
```

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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