

Converting Colors

Decimal(6011500)

Have a look what the booklet for
Decimal(6011500) contains.

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Color

Decimal(6011500)

Conversions

Conversions Part 1

Format	Color
Hex	5BBA6C
RGB	91, 186, 108
RGB Percent	36%, 73%, 42%
CMY	0.6431, 0.2706, 0.5765
CMYK	0.51, 0.00, 0.42, 0.27
HSL	131°, 41%, 54%
HSV	131°, 51%, 73%
XYZ	24.5801, 38.4247, 20.3086
YIQ	148.7030, -31.5820, -44.3980

Conversions

Conversions Part 2

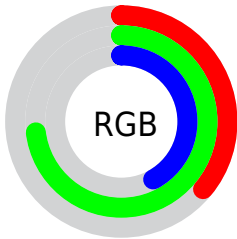
Format	Color
RYB	91, 172, 186
Decimal	6011500
CIELab	68.33, -44.95, 31.13
CIElCh	68, 54.674, 145.294
Yxy	38.4247, 0.2950, 0.4612
Android (android.graphics.Color)	4284201580 (0xFF5BBA6C)
YUV	148.7030, -20.0666, -50.6055
Hunter-Lab	61.9876, -37.6974, 23.9666

Details

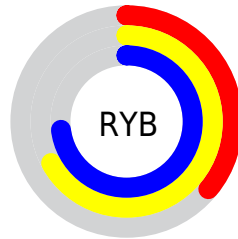
The Decimal color **6011500** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12213161**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **9696160**, and **1934395** is the 20% darker color. If you saturate the color by 10%, you get **4766301**, and if you desaturate by 10%, it is **7256699**.

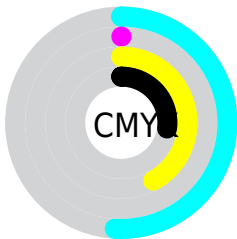
Distribution



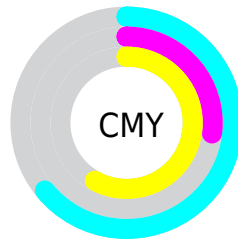
- Red (36%)
- Green (73%)
- Blue (42%)



- Red (36%)
- Yellow (67%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6011500 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 6011500 by changing the saturation by 10% instead.

 6011500

 6011500

16777215

 4104019

 9696160

 1934395

 11534268

 27171

 13434840

 20747

 15400948

 14592

 9216

 0

 6011500

 6011500

 4766301

 7256699

 3586637

 8436363

 2341438

 9681562

 1161775

 10861225

 47649

 12106424

 13351624

 14531287

 15776486

 16759541

Harmonies

Analogous

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



10072136



6011500



49053

Triad

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



6011500



1421055



16744319

Complementary

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



6011500



12213161

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.



16612529



6011500



10264063

Square

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



6011500



47863



14453216



15634262

Rectangle

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



6011500



49087



14453216



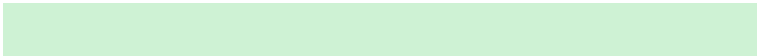
16743567

Sweetspot

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



6011500



13562580



11188827



6584936



16448250



8026746

Same Dimension

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



6011500



6222457



6011546



5463124



39964



7173

Inverse Universe

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



12213161



15883992



12213115



6050650



10223744



1835031

Previews

White Background



This preview shows how the Decimal color 6011500 looks on a white background.

Color Contrast Check

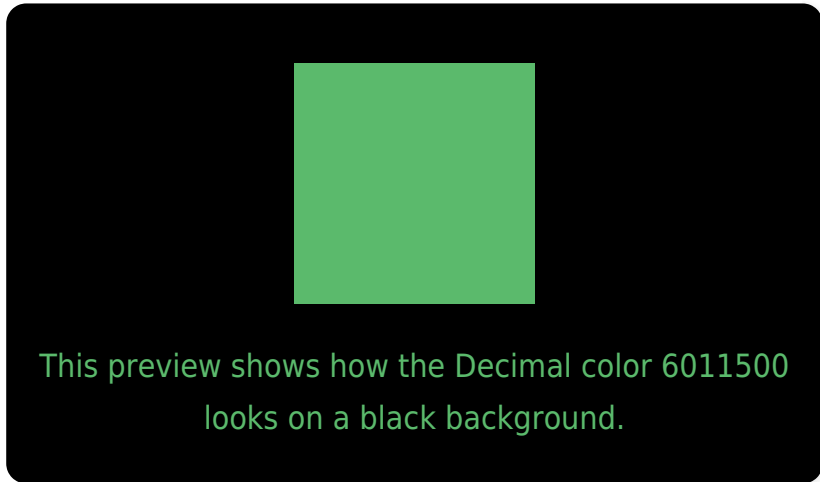
Large Text (above 18pt) WCAG AA × Fail

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 6011500 Background



This preview shows how black text looks on a background with the Decimal color 6011500.

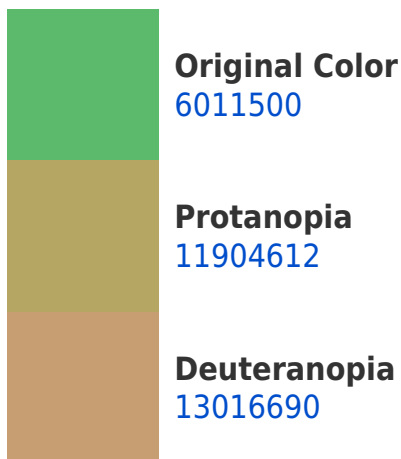


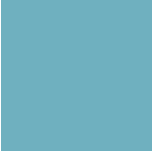
This preview shows how white text looks on a background with the Decimal color 6011500.

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
7319743

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6011500 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 #5BBA6C looks like.

```
.text, #text, p{  
    color:#5BBA6C  
}
```

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 #5BBA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBA6C
}
```

Border

The CSS property to change the border of an element to Decimal 6011500 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
#5BBA6C }
```

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

```
.border{ border-color:#5BBA6C }
```

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

Here you see how a box with a 4 pixel #5BBA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBA6C; -webkit-box-shadow:4px 4px  
4px 4px #5BBA6C; box-shadow:4px 4px 4px  
4px #5BBA6C }
```

Background

The CSS property to change the background color of an element to Decimal 6011500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBA6C }
```

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

```
.background{ background-color:#5BBA6C }
```

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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