

Converting Colors

Decimal(6011496)

Have a look what the booklet for
Decimal(6011496) contains.

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Color

Decimal(6011496)

Conversions

Conversions Part 1

Format	Color
Hex	5BBA68
RGB	91, 186, 104
RGB Percent	36%, 73%, 41%
CMY	0.6431, 0.2706, 0.5922
CMYK	0.51, 0.00, 0.44, 0.27
HSL	128°, 41%, 54%
HSV	128°, 51%, 73%
XYZ	24.3720, 38.3414, 19.2128
YIQ	148.2470, -30.2980, -45.6420

Conversions

Conversions Part 2

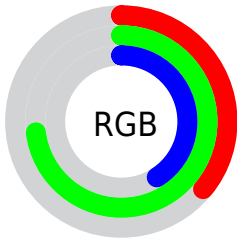
Format	Color
RYB	91, 175, 186
Decimal	6011496
CIELab	68.27, -45.59, 33.12
CIELCh	68, 56.346, 144.001
Yxy	38.3414, 0.2975, 0.4680
Android (android.graphics.Color)	4284201576 (0xFF5BBA68)
YUV	148.2470, -21.8138, -50.2056
Hunter-Lab	61.9205, -38.1030, 24.9477

Details

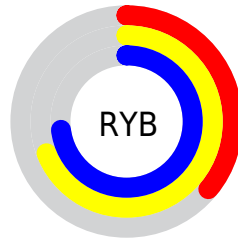
The Decimal color **6011496** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **12213165**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9696156**, and **1934391** is the 20% darker color. If you saturate the color by 10%, you get **4766296**, and if you desaturate by 10%, it is **7256696**.

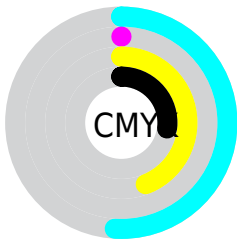
Distribution



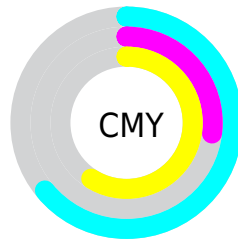
- Red (36%)
- Green (73%)
- Blue (41%)



- Red (36%)
- Yellow (69%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (44%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6011496 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 6011496 by changing the saturation by 10% instead.

 6011496

 6011496

16777215

 4104015

 9696156

 1934391

 11599799

 27167

 13434835

 20741

 15400944

 14592

 8960

 0

 6011496

 6011496

 4766296


 7256696

 3586632

 8436360

 2341432

 9681560

 1161768

 10861224

 47641

 12106424

 13351624

 14531288

 15776488

 16759544

Harmonies

Analogous

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



10203204



6011496



49050

Triad

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



6011496



45055



16743808

Complementary

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



6011496



12213165

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.



16677555



6011496



10001919

Square

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



6011496



47864



14387427



15830357

Rectangle

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



6011496



49341



14387427



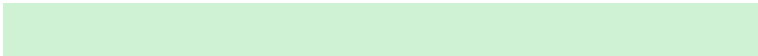
16743057

Sweetspot

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



6011496



13562579



11385435



6584935



16448250



8026746

Same Dimension

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



6011496



6222451



6011543



5463124



39957



7172

Inverse Universe

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



12213165



15883998



12213118



6050651



10223750



1835032

Previews

White Background



This preview shows how the Decimal color 6011496 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



This preview shows how the Decimal color 6011496 looks on a 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 6011496 Background



This preview shows how black text looks on a background with the Decimal color 6011496.

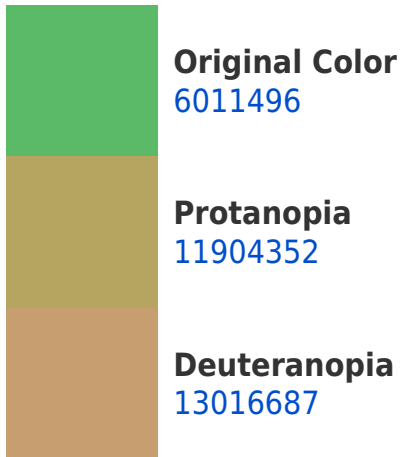


This preview shows how white text looks on a background with the Decimal color 6011496.

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
7319742

Trichromacy



Original Color
6011496



Protanomaly
9743715



Deuteranomaly
10463340



Tritanomaly
6861983

Monochromacy



Original Color
6011496



Achromatopsia
9737364



Achromatomaly
8364676

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6011496 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 #5BBA68 looks like.

```
.text, #text, p{  
    color:#5BBA68  
}
```

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 #5BBA68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BBA68
}
```

Border

The CSS property to change the border of an element to Decimal 6011496 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
#5BBA68 }
```

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

```
.border{ border-color:#5BBA68 }
```

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

Here you see how a box with a 4 pixel #5BBA68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BBA68; -webkit-box-shadow:4px 4px  
4px 4px #5BBA68; box-shadow:4px 4px 4px  
4px #5BBA68 }
```

Background

The CSS property to change the background color of an element to Decimal 6011496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BBA68 }
```

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

```
.background{ background-color:#5BBA68 }
```

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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