

Converting Colors

Decimal(6306065)

Have a look what the booklet for
Decimal(6306065) contains.

Decimal(6306065)	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(6306065)

Conversions

Conversions Part 1

Format	Color
Hex	603911
RGB	96, 57, 17
RGB Percent	38%, 22%, 7%
CMY	0.6235, 0.7765, 0.9333
CMYK	0.00, 0.41, 0.82, 0.62
HSL	30°, 70%, 22%
HSV	30°, 82%, 38%
XYZ	6.3882, 5.4535, 1.2463
YIQ	64.1010, 36.0840, -4.1720

Conversions

Conversions Part 2

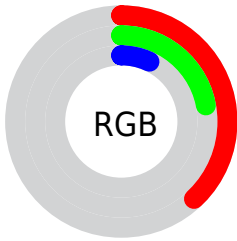
Format	Color
RYB	94, 96, 17
Decimal	6306065
CIELab	27.99, 13.68, 30.77
CIELCh	28, 33.675, 66.032
Yxy	5.4535, 0.4881, 0.4167
Android (android.graphics.Color)	4284496145 (0xFF603911)
YUV	64.1010, -23.2208, 27.9754
Hunter-Lab	23.3528, 7.9615, 13.1828

Details

The Decimal color **6306065** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1128544**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **9857086**, and **2952960** is the 20% darker color. If you saturate the color by 10%, you get **6304775**, and if you desaturate by 10%, it is **6307355**.

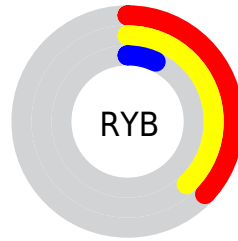
Distribution



 Red (38%)

 Green (22%)

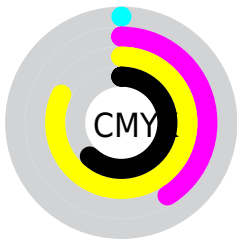
 Blue (7%)



 Red (37%)

 Yellow (38%)

 Blue (7%)

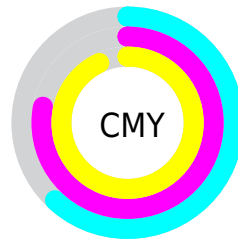


 Cyan (0%)

 Magenta (41%)

 Yellow (82%)

 Black (62%)



 Cyan (62%)

 Magenta (78%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6306065 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 6306065 by changing the saturation by 10% instead.

■ 6306065

■ 6306065

■ 16777207

■ 4662016

■ 9857086

■ 2952960

■ 11698518

■ 851968

■ 13605743

■ 0

■ 15513224

■ 16765603

■ 16772798

■ 16777178

■ 6306065

■ 6306065

■ 6304775

■ 6307355

■ 6304000

■ 6308388

■ 6309678

■ 6310967

■ 6312257

■ 6313291

■ 6314580

■ 6315870

■ 6317159

Harmonies

Analogous

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



7221029



6306065



4932104

Triad

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



6306065



20039



4864364

Complementary

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



6306065



1128544

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.



1065846



6306065



20064

Square

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



6306065



19756



19057



6631000

Rectangle

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



6306065



3753743



19057



3947889

Sweetspot

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



6306065



8220254



6295865



4208173



12566463



4210752

Same Dimension

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



6306065



8208385



6316049



3157548



7354624



15759616

Inverse Universe

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



1128544



81533



1118560



2895408



14192



30448

Previews

White Background



This preview shows how the Decimal color 6306065 looks on a white background.

Color Contrast Check

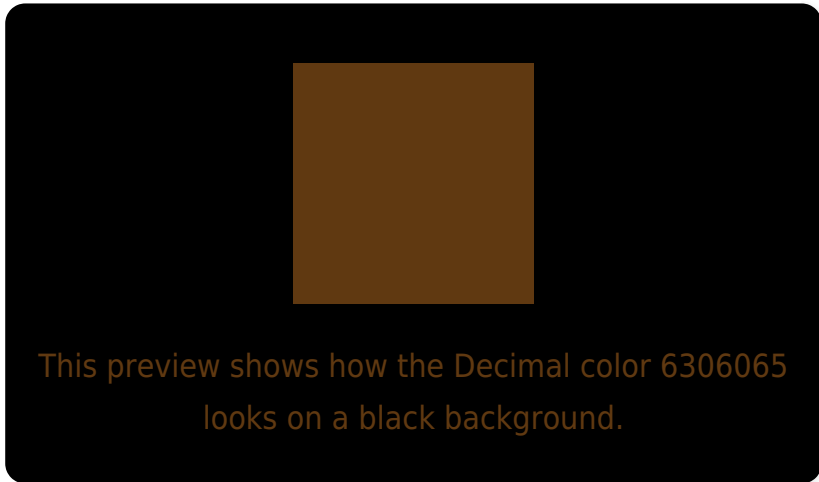
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

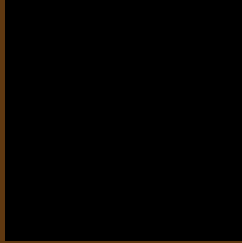
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 6306065 Background



This preview shows how black text looks on a background with the Decimal color 6306065.



This preview shows how white text looks on a background with the Decimal color 6306065.

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
6306065

Protanopia
4932372

Deuteranopia
5521166



Tritanopia
6436153

Trichromacy



Original Color
6306065

Protanomaly
5455635

Deuteranomaly
5782799

Tritanomaly
6370858

Monochromacy



Original Color
6306065

Achromatopsia
4210752

Achromatomaly
4996399

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6306065 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 #603911 looks like.

```
.text, #text, p{  
    color:#603911  
}
```

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 #603911 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603911
}
```

Border

The CSS property to change the border of an element to Decimal 6306065 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
#603911 }
```

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

```
.border{ border-color:#603911 }
```

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

Here you see how a box with a 4 pixel #603911 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603911; -webkit-box-shadow:4px 4px  
4px 4px #603911; box-shadow:4px 4px 4px  
4px #603911 }
```

Background

The CSS property to change the background color of an element to Decimal 6306065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603911 }
```

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

```
.background{ background-color:#603911 }
```

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