

Converting Colors

Decimal(6386437)

Have a look what the booklet for
Decimal(6386437) contains.

Decimal(6386437)	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(6386437)

Conversions

Conversions Part 1

Format	Color
Hex	617305
RGB	97, 115, 5
RGB Percent	38%, 45%, 2%
CMY	0.6196, 0.5490, 0.9804
CMYK	0.16, 0.00, 0.96, 0.55
HSL	70°, 92%, 24%
HSV	70°, 96%, 45%
XYZ	11.0879, 14.8138, 2.4185
YIQ	97.0780, 24.5820, -38.0260

Conversions

Conversions Part 2

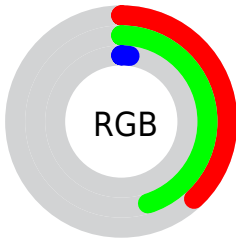
Format	Color
RYB	5, 115, 23
Decimal	6386437
CIELab	45.38, -20.25, 49.60
CIELCh	45, 53.579, 112.208
Yxy	14.8138, 0.3915, 0.5231
Android (android.graphics.Color)	4284576517 (0xFF617305)
YUV	97.0780, -45.3945, -0.0684
Hunter-Lab	38.4887, -15.9327, 23.2165

Details

The Decimal color **6386437** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1508723**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9938753**, and **3031808** is the 20% darker color. If you saturate the color by 10%, you get **6320896**, and if you desaturate by 10%, it is **6517520**.

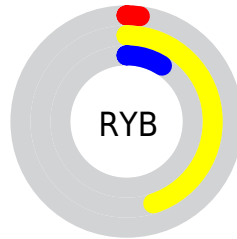
Distribution



Red (38%)

Green (45%)

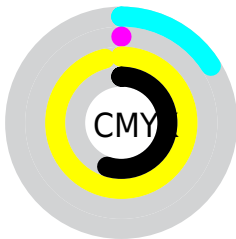
Blue (2%)



Red (2%)

Yellow (45%)

Blue (9%)

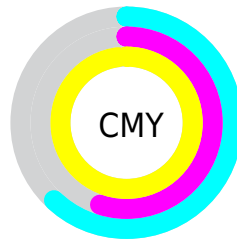


Cyan (16%)

Magenta (0%)

Yellow (96%)

Black (55%)



Cyan (62%)

Magenta (55%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6386437 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 6386437 by changing the saturation by 10% instead.



6386437



6386437

16777215



4676096



9938753



3031808



11780698



1322240



13622901



6656



15530895



0



16777131



16777159



16777187



6386437



6386437

■ 6320896

■ 6517520

■ 6648604

■ 6779687

■ 6910771

■ 6976319

■ 7107402

■ 7238486

■ 7369569

■ 7500653

Harmonies

Analogous

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



9135360



6386437



2259761

Triad

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



6386437



32178



11878265

Complementary

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



6386437



1508723

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.



9851043



6386437



29892

Square

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



6386437



32908



5465535



12206412

Rectangle

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



6386437



32334



5465535



11420552

Sweetspot

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



6386437



9410155



7542277



4738354



13421772



5066061

Same Dimension

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



6386437



8295936



2847493



3816245



6715904



13761024

Inverse Universe

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



1508723



1638550



5047667



3552571



1310842



2687226

Previews

White Background



This preview shows how the Decimal color 6386437 looks on a white background.

Color Contrast Check

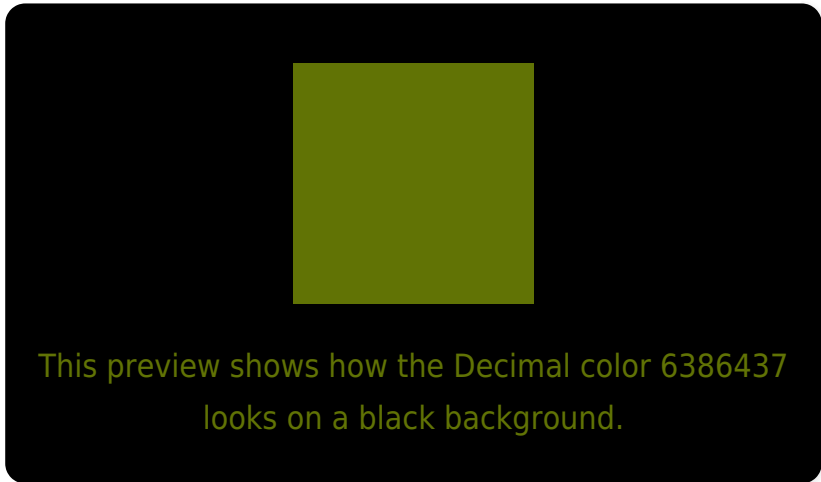
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Decimal 6386437 Background



This preview shows how black text looks on a background with the Decimal color 6386437.



This preview shows how white text looks on a background with the Decimal color 6386437.

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
6386437

Protanopia
7957504

Deuteranopia
8873492



Tritanopia
6974323

Trichromacy



Original Color
6386437

Protanomaly
7368450

Deuteranomaly
7957263

Tritanomaly
6778443

Monochromacy



Original Color
6386437

Achromatopsia
6381921

Achromatomaly
6383680

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6386437 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 #617305 looks like.

```
.text, #text, p{  
    color:#617305  
}
```

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 #617305 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617305
}
```

Border

The CSS property to change the border of an element to Decimal 6386437 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
#617305 }
```

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

```
.border{ border-color:#617305 }
```

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

Here you see how a box with a 4 pixel #617305 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617305; -webkit-box-shadow:4px 4px  
4px 4px #617305; box-shadow:4px 4px 4px  
4px #617305 }
```

Background

The CSS property to change the background color of an element to Decimal 6386437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617305 }
```

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

```
.background{ background-color:#617305 }
```

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