

Converting Colors

Decimal(6387317)

Have a look what the booklet for
Decimal(6387317) contains.

Decimal(6387317)	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(6387317)

Conversions

Conversions Part 1

Format	Color
Hex	617675
RGB	97, 118, 117
RGB Percent	38%, 46%, 46%
CMY	0.6196, 0.5373, 0.5412
CMYK	0.18, 0.00, 0.01, 0.54
HSL	177°, 10%, 42%
HSV	177°, 18%, 46%
XYZ	14.6191, 16.7826, 19.2985
YIQ	111.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

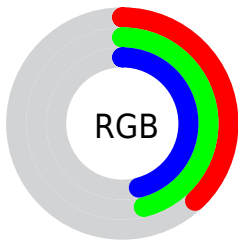
Format	Color
R_{YB}	97, 108, 118
Decimal	6387317
CIE _{Lab}	47.98, -7.90, -2.03
CIE _{LCh}	48, 8.158, 194.375
Yxy	16.7826, 0.2883, 0.3310
Android (android.graphics.Color)	4284577397 (0xFF617675)
YUV	111.6070, 2.6587, -12.8103
Hunter-Lab	40.9666, -7.9931, 0.7464

Details

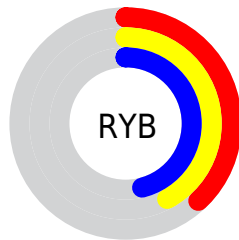
The Decimal color **6387317** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **7758178**, and the grayscale version is **7368816**.

A 20% lighter version of the original color is **9743017**, and **3294789** is the 20% darker color. If you saturate the color by 10%, you get **5600884**, and if you desaturate by 10%, it is **7173750**.

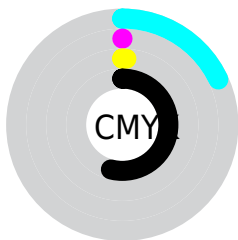
Distribution



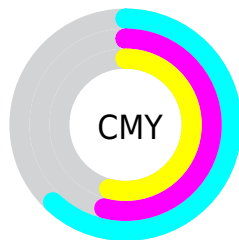
- Red (38%)
- Green (46%)
- Blue (46%)



- Red (38%)
- Yellow (42%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6387317 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 6387317 by changing the saturation by 10% instead.



6387317



6387317

16777215



4808028



9743017



3294789



11519428



1847087



13296096



400154



15138557



0



6387317



6387317



5600884



7173750



4814452



7960182



4093555



8681079

■ 3307123

■ 9467511

■ 2520690

■ 10253944

■ 1734258

■ 11040376

■ 947825

■ 11826809

■ 226929

■ 12547705

■ 30320

■ 13334138

Harmonies

Analogous

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



6649454



6387317



6452603

Triad

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



6387317



7827324



8089701

Complementary

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



6387317



7758178

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.



8416873



6387317



8285814

Square

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



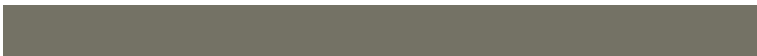
6387317



7303551



8482159



7631461

Rectangle

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



6387317



6583422



8482159



8220518

Sweetspot

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



6387317



9542041



6452833



4738380



13421772



5066061

Same Dimension

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



6387317



7969175



6385014



3488570



31349



64238

Inverse Universe

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



7758178



10058106



7760481



3880245



7995398



16384012

Previews

White Background



This preview shows how the Decimal color 6387317 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



This preview shows how the Decimal color 6387317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

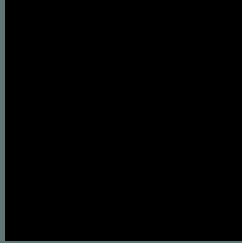
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

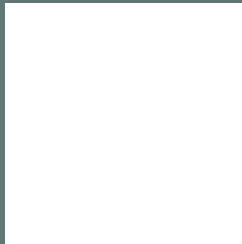
Any Text WCAG AAA × Fail

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

Decimal 6387317 Background



This preview shows how black text looks on a background with the Decimal color 6387317.



This preview shows how white text looks on a background with the Decimal color 6387317.

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](#).

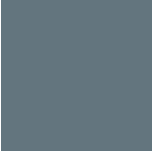
Dichromacy



Original Color
6387317

Protanopia
7565682

Deuteranopia
8023671



Tritanopia
6518142

Trichromacy



Original Color
6387317

Protanomaly
7107443

Deuteranomaly
7434614

Tritanomaly
6452603

Monochromacy



Original Color
6387317

Achromatopsia
7368816

Achromatomaly
7041650

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6387317 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 #617675 looks like.

```
.text, #text, p{  
    color:#617675  
}
```

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 #617675 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617675
}
```

Border

The CSS property to change the border of an element to Decimal 6387317 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
#617675 }
```

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

```
.border{ border-color:#617675 }
```

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

Here you see how a box with a 4 pixel #617675 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617675; -webkit-box-shadow:4px 4px  
4px 4px #617675; box-shadow:4px 4px 4px  
4px #617675 }
```

Background

The CSS property to change the background color of an element to Decimal 6387317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617675 }
```

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

```
.background{ background-color:#617675 }
```

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