

# Converting Colors

Decimal(7230312)

Have a look what the booklet for  
Decimal(7230312) contains.

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# Color

**Decimal(7230312)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E5368
RGB	110, 83, 104
RGB Percent	43%, 33%, 41%
CMY	0.5686, 0.6745, 0.5922
CMYK	0.00, 0.25, 0.05, 0.57
HSL	313°, 14%, 38%
HSV	313°, 25%, 43%
XYZ	12.0224, 10.5010, 14.4899
YIQ	93.4670, 9.3510, 12.2550

# Conversions

## Conversions Part 2

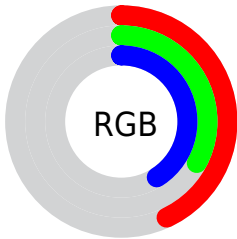
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 83, 104
Decimal	7230312
CIE <sub>Lab</sub>	38.73, 15.10, -7.75
CIE <sub>LCh</sub>	39, 16.971, 332.818
Yxy	10.5010, 0.3248, 0.2837
Android (android.graphics.Color)	4285420392 (0xFF6E5368)
YUV	93.4670, 5.1928, 14.4994
Hunter-Lab	32.4052, 9.5144, -3.8278

# Details

The Decimal color **7230312** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5467737**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **10651035**, and **4073017** is the 20% darker color. If you saturate the color by 10%, you get **7227494**, and if you desaturate by 10%, it is **7233130**.

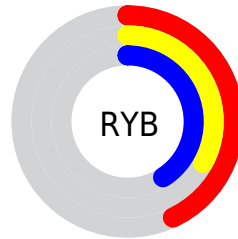
# Distribution



Red (43%)

Green (33%)

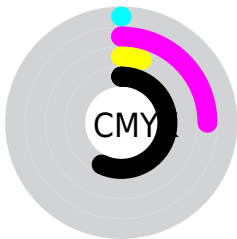
Blue (41%)



Red (43%)

Yellow (33%)

Blue (41%)

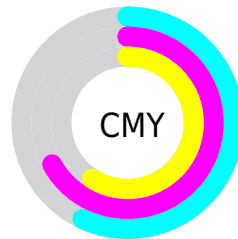


Cyan (0%)

Magenta (25%)

Yellow (5%)

Black (57%)



Cyan (57%)

Magenta (67%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7230312 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 7230312 by changing the saturation by 10% instead.



■ 7230312

■ 7230312

16777215

■ 5586000

■ 10651035

■ 4073017

■ 12427190

■ 2625827

■ 14269138

■ 1114126

■ 16111342

■ 0

■ 16773887

■ 7230312

■ 7230312

■ 7227494

■ 7233130

■ 7224675

■ 7235949

7221857

7238767

7219038

7241586

7216220

7244404

7213401

7247223

7210583

7250041

7209046

7252860

7255678

# Harmonies

## Analogous

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



6248306



7230312



7754074

# Triad

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



7230312



6576960



3301994

# Complementary

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



7230312



5467737

# 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.



3629916



7230312



5594948

# Square

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



7230312



7362115



4547150



3825779

# Rectangle

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



7230312



7819857



4547150



3302245



# Sweetspot

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



7230312



9405837



5854062



4670022



13092807



4671303



# Same Dimension

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



7230312



9397638



7230299



3682871



7864413



16187584



# Inverse Universe

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



7230312



9397638



5467750



3682871



7864413



16187584



# Previews

## White Background



This preview shows how the Decimal color 7230312 looks on a white background.

## Color Contrast Check

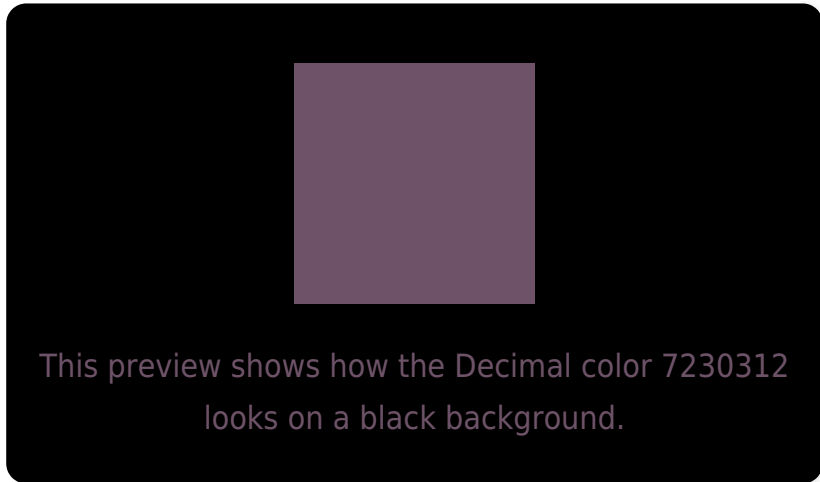
Large Text (above 18pt) WCAG AA ✓ Pass

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

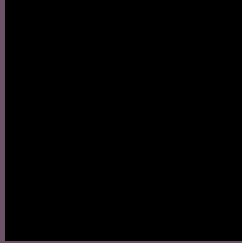
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7230312 Background



This preview shows how black text looks on a background with the Decimal color 7230312.



This preview shows how white text looks on a background with the Decimal color 7230312.

# 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**  
7230312

**Protanopia**  
5790573

**Deuteranopia**  
6248807



**Tritanopia**  
7099740

# Trichromacy



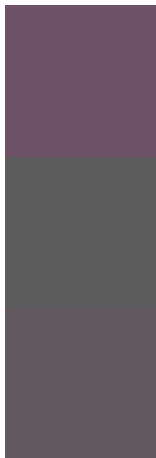
**Original Color**  
7230312

**Protanomaly**  
6314091

**Deuteranomaly**  
6575975

**Tritanomaly**  
7165024

# Monochromacy



**Original Color**  
7230312

**Achromatopsia**  
6118749

**Achromatomaly**  
6510945

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7230312 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 #6E5368 looks like.

```
.text, #text, p{  
    color:#6E5368  
}
```

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 #6E5368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5368
}
```

## Border

The CSS property to change the border of an element to Decimal 7230312 is called "border". The border property can be set on classes, ids or directly on the HTML element.

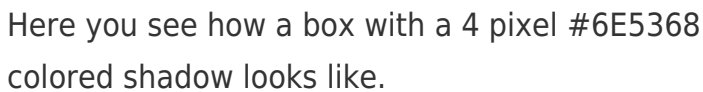
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E5368 }
```

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

```
.border{ border-color:#6E5368 }
```

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



Here you see how a box with a 4 pixel #6E5368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5368; -webkit-box-shadow:4px 4px  
4px 4px #6E5368; box-shadow:4px 4px 4px  
4px #6E5368 }
```

# Background

The CSS property to change the background color of an element to Decimal 7230312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5368 }
```

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

```
.background{ background-color:#6E5368 }
```

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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