

# Converting Colors

Decimal(6513240)

Have a look what the booklet for  
Decimal(6513240) contains.

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# Color

**Decimal(6513240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	636258
RGB	99, 98, 88
RGB Percent	39%, 38%, 35%
CMY	0.6118, 0.6157, 0.6549
CMYK	0.00, 0.01, 0.11, 0.61
HSL	55°, 6%, 37%
HSV	55°, 11%, 39%
XYZ	11.2747, 12.0926, 10.9724
YIQ	97.1590, 3.8060, -2.8980

# Conversions

## Conversions Part 2

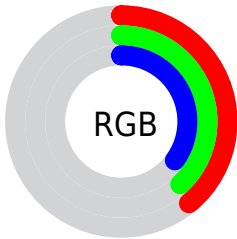
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 99, 88
Decimal	6513240
CIE Lab	41.36, -1.58, 5.83
CIE LCh	41, 6.042, 105.159
Yxy	12.0926, 0.3283, 0.3521
Android (android.graphics.Color)	4284703320 (0xFF636258)
YUV	97.1590, -4.5154, 1.6146
Hunter-Lab	34.7744, -2.9811, 5.6343

# Details

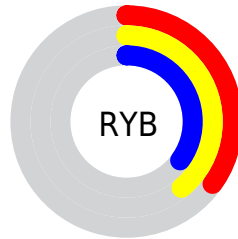
The Decimal color **6513240** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5790051**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9868682**, and **3421227** is the 20% darker color. If you saturate the color by 10%, you get **6512974**, and if you desaturate by 10%, it is **6513506**.

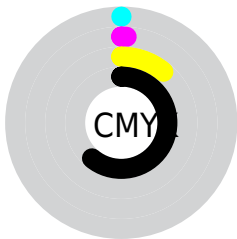
# Distribution



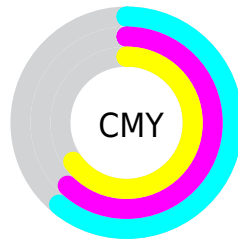
- Red (39%)
- Green (38%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (1%)
- Yellow (11%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6513240 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 6513240 by changing the saturation by 10% instead.





6513240



6513240

16777215



4934209



9868682



3421227



11579300



2039574



13421503



263680



15263707



0



16777208



6513240



6513240



6512974



6513506



6512708



6513772

■ 6512442

■ 6514038

■ 6512176

■ 6514304

■ 6512167

■ 6514570

■ 6511901

■ 6514579

■ 6511635

■ 6514845

■ 6511369

■ 6515111

■ 6511104

■ 6515377

# Harmonies

## Analogous

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



6840408



6513240



6120282

# Triad

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



6513240



5661800



6970980

# Complementary

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



6513240



5790051

# 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.



6709353



6513240



5923691

# Square

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



6513240



5662052



6316395



7102047

# Rectangle

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



6513240



5923933



6316395



6905702



# Sweetspot

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



6513240



8421244



6510681



4210749



12566463



4210752



# Same Dimension

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



6513240



8420975



6251352



3158060



7366144



15784448



# Inverse Universe

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



5790051



7303296



6051939



2894896



2672



5872



# Previews

## White Background



This preview shows how the Decimal color 6513240 looks on a white background.

## Color Contrast Check

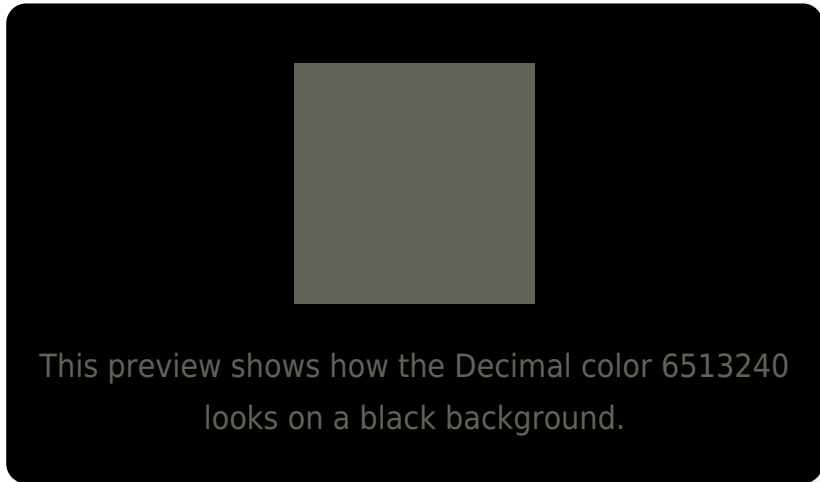
Large Text (above 18pt) WCAG AA ✓ Pass

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

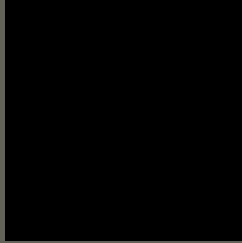
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

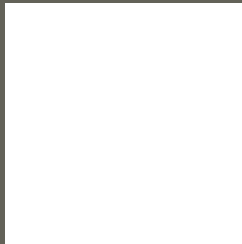
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6513240 Background



This preview shows how black text looks on a background with the Decimal color 6513240.



This preview shows how white text looks on a background with the Decimal color 6513240.

# 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**  
6513240

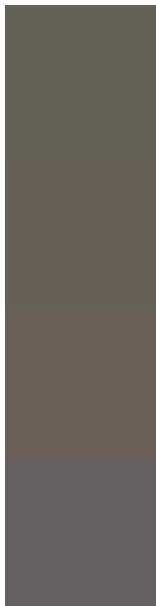
**Protanopia**  
6709592

**Deuteranopia**  
7233113



**Tritanopia**  
6643815

# Trichromacy



**Original Color**

6513240

**Protanomaly**

6644056

**Deuteranomaly**

6971225

**Tritanomaly**

6578530

# Monochromacy



**Original Color**

6513240

**Achromatopsia**

6381921

**Achromatomaly**

6447454

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6513240 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 #636258 looks like.

```
.text, #text, p{  
    color:#636258  
}
```

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 #636258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636258
}
```

## Border

The CSS property to change the border of an element to Decimal 6513240 is called "border". The border property can be set on classes, ids or directly on the HTML element.

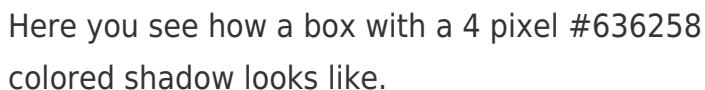
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#636258 }
```

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

```
.border{ border-color:#636258 }
```

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



Here you see how a box with a 4 pixel #636258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636258; -webkit-box-shadow:4px 4px  
4px 4px #636258; box-shadow:4px 4px 4px  
4px #636258 }
```

# Background

The CSS property to change the background color of an element to Decimal 6513240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636258 }
```

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

```
.background{ background-color:#636258 }
```

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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