

# Converting Colors

Decimal(6515049)

Have a look what the booklet for  
Decimal(6515049) contains.

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# Color

**Decimal(6515049)**

# Conversions

## Conversions Part 1

Format	Color
Hex	636969
RGB	99, 105, 105
RGB Percent	39%, 41%, 41%
CMY	0.6118, 0.5882, 0.5882
CMYK	0.06, 0.00, 0.00, 0.59
HSL	180°, 3%, 40%
HSV	180°, 6%, 41%
XYZ	12.7470, 13.7757, 15.3517
YIQ	103.2060, -3.5760, -1.2720

# Conversions

## Conversions Part 2

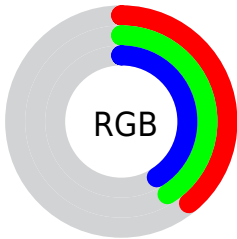
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 102, 105
Decimal	6515049
CIE <sub>Lab</sub>	43.91, -2.30, -0.80
CIE <sub>LCh</sub>	44, 2.434, 199.251
Yxy	13.7757, 0.3044, 0.3290
Android (android.graphics.Color)	4284705129 (0xFF636969)
YUV	103.2060, 0.8844, -3.6887
Hunter-Lab	37.1157, -3.6485, 1.4575

# Details

The Decimal color **6515049** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6906723**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9870492**, and **3488314** is the 20% darker color. If you saturate the color by 10%, you get **5859689**, and if you desaturate by 10%, it is **7235945**.

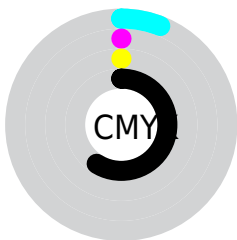
# Distribution



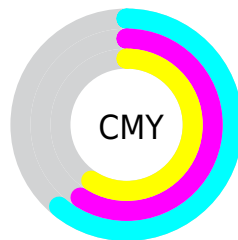
- Red (39%)
- Green (41%)
- Blue (41%)



- Red (39%)
- Yellow (40%)
- Blue (41%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (61%)
- Magenta (59%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6515049 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 6515049 by changing the saturation by 10% instead.





6515049



6515049

16777215



4936017



9870492



3488314



11581367



2040868



13423571



462607



15265775



0



6515049



6515049



5859689



7235945



5138793



7891305



4483433



8612201

■ 3762537

■ 9267561

■ 3107177

■ 9988457

■ 2386281

■ 10643817

■ 1730921

■ 11299177

■ 1010025

■ 12020073

■ 354665

■ 12740969

# Harmonies

## Analogous

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



6580583



6515049



6515051

# Triad

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



6515049



6973290



6973284

# Complementary

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



6515049



6906723

# 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.



7104357



6515049



7104361

# Square

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



6515049



6776684



7104103



6842468

# Rectangle

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



6515049



6580331



7104103



7038820



# Sweetspot

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



6515049



8882826



6515043



4408645



12895428



4539717



# Same Dimension

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



6515049



8424074



6514281



3225142



30069



62965



# Inverse Universe

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



6906729



9076874



6907491



3551542



7667829



16056565



# Previews

## White Background



This preview shows how the Decimal color 6515049 looks on a white background.

## Color Contrast Check

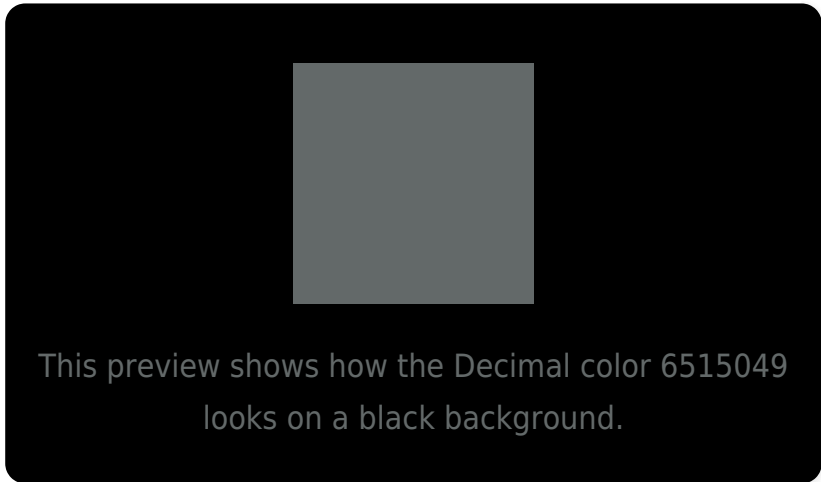
Large Text (above 18pt) WCAG AA ✓ Pass

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

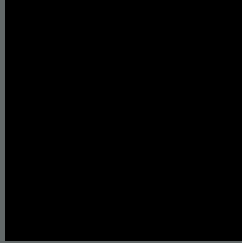
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

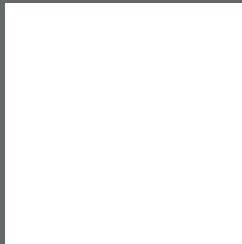
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6515049 Background



This preview shows how black text looks on a background with the Decimal color 6515049.



This preview shows how white text looks on a background with the Decimal color 6515049.

# 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**  
6515049

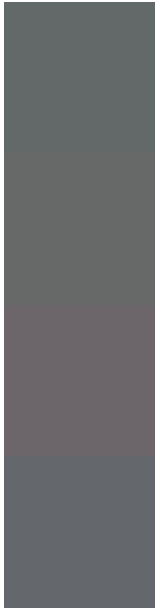
**Protanopia**  
6907752

**Deuteranopia**  
7431274



**Tritanopia**  
6580336

# Trichromacy



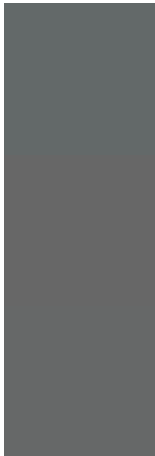
**Original Color**  
6515049

**Protanomaly**  
6776936

**Deuteranomaly**  
7104106

**Tritanomaly**  
6580333

# Monochromacy



**Original Color**  
6515049

**Achromatopsia**  
6776679

**Achromatomaly**  
6711400

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6515049 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 #636969 looks like.

```
.text, #text, p{  
    color:#636969  
}
```

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 #636969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #636969
}
```

## Border

The CSS property to change the border of an element to Decimal 6515049 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
#636969 }
```

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

```
.border{ border-color:#636969 }
```

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

Here you see how a box with a 4 pixel #636969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #636969; -webkit-box-shadow:4px 4px  
4px 4px #636969; box-shadow:4px 4px 4px  
4px #636969 }
```

# Background

The CSS property to change the background color of an element to Decimal 6515049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#636969 }
```

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

```
.background{ background-color:#636969 }
```

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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