

# Converting Colors

Decimal(6519351)

Have a look what the booklet for  
Decimal(6519351) contains.

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# Color

**Decimal(6519351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	637A37
RGB	99, 122, 55
RGB Percent	39%, 48%, 22%
CMY	0.6118, 0.5216, 0.7843
CMYK	0.19, 0.00, 0.55, 0.52
HSL	81°, 38%, 35%
HSV	81°, 55%, 48%
XYZ	12.7947, 16.8476, 6.1920
YIQ	107.4850, 7.7990, -25.7130

# Conversions

## Conversions Part 2

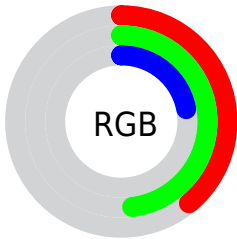
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 122, 78
Decimal	6519351
CIELab	48.07, -19.90, 33.55
CIElCh	48, 39.008, 120.674
Yxy	16.8476, 0.3571, 0.4702
Android (android.graphics.Color)	4284709431 (0xFF637A37)
YUV	107.4850, -25.8751, -7.4413
Hunter-Lab	41.0458, -16.1884, 19.7878

# Details

The Decimal color **6519351** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5126010**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **9940584**, and **3295494** is the 20% darker color. If you saturate the color by 10%, you get **6257195**, and if you desaturate by 10%, it is **6781507**.

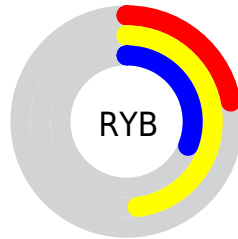
# Distribution



Red (39%)

Green (48%)

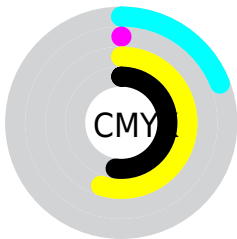
Blue (22%)



Red (22%)

Yellow (48%)

Blue (31%)

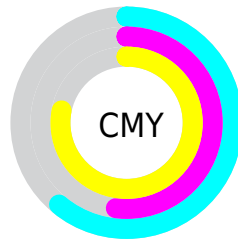


Cyan (19%)

Magenta (0%)

Yellow (55%)

Black (52%)



Cyan (61%)

Magenta (52%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6519351 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 6519351 by changing the saturation by 10% instead.





6519351



6519351

16777215



4874527



9940584



3295494



11782786



1847808



13559452



7680



15466423



0



16777171



16777200



6519351



6519351



6257195



6781507

■ 5995039

■ 7043663

■ 5667346

■ 7371356

■ 5405190

■ 7633512

■ 5274112

■ 7895668

■ 8157824

■ 8419980

■ 8747673

■ 9009829

# Harmonies

## Analogous

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



8679726



6519351



3702865

# Triad

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



6519351



32427



11425395

# Complementary

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



6519351



5126010

# 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.



10182035



6519351



3503540

# Square

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



6519351



33427



7694763



11426386

# Rectangle

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



6519351



33382



7694763



11163518



# Sweetspot

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



6519351



9805445



8015159



4869952



13619151



5197647



# Same Dimension

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



6519351



8035894



4356663



3882295



5405952



10943488



# Inverse Universe

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



5126010



5912222



7288698



3749693



2818173



5701884



# Previews

## White Background



This preview shows how the Decimal color 6519351 looks on a white background.

## Color Contrast Check

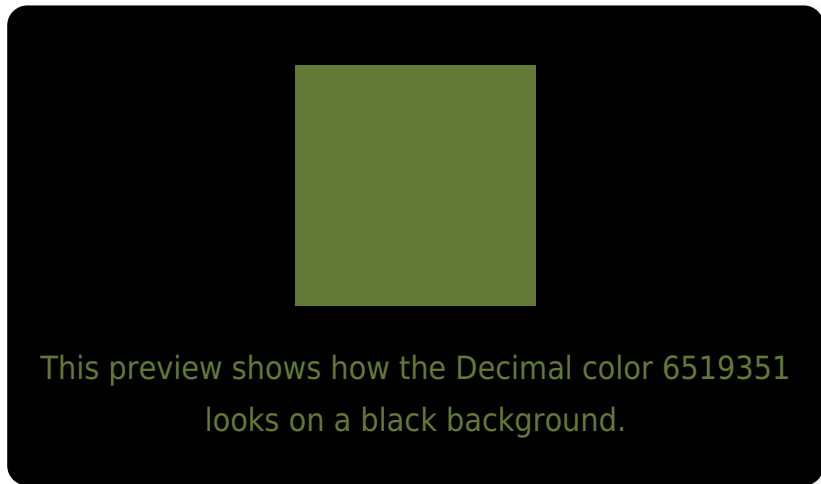
Large Text (above 18pt) WCAG AA ✓ Pass

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

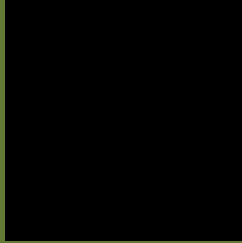
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6519351 Background



This preview shows how black text looks on a background with the Decimal color 6519351.



This preview shows how white text looks on a background with the Decimal color 6519351.

# 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**  
6519351

**Protanopia**  
8286772

**Deuteranopia**  
9202747



# Trichromacy



**Original Color**  
6519351

**Protanomaly**  
7632181

**Deuteranomaly**  
8220986

**Tritanomaly**  
6911587

# Monochromacy



**Original Color**  
6519351

**Achromatopsia**  
7039851

**Achromatomaly**  
6844504

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6519351 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 #637A37 looks like.

```
.text, #text, p{  
    color:#637A37  
}
```

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 #637A37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #637A37
}
```

## Border

The CSS property to change the border of an element to Decimal 6519351 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
#637A37 }
```

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

```
.border{ border-color:#637A37 }
```

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

Here you see how a box with a 4 pixel #637A37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #637A37; -webkit-box-shadow:4px 4px  
4px 4px #637A37; box-shadow:4px 4px 4px  
4px #637A37 }
```

# Background

The CSS property to change the background color of an element to Decimal 6519351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#637A37 }
```

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

```
.background{ background-color:#637A37 }
```

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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