

# Converting Colors

Decimal(6511945)

Have a look what the booklet for  
Decimal(6511945) contains.

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# Color

**Decimal(6511945)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635D49
RGB	99, 93, 73
RGB Percent	39%, 36%, 29%
CMY	0.6118, 0.6353, 0.7137
CMYK	0.00, 0.06, 0.26, 0.61
HSL	46°, 15%, 34%
HSV	46°, 26%, 39%
XYZ	10.2625, 10.9624, 7.8784
YIQ	92.5140, 9.9960, -4.9480

# Conversions

## Conversions Part 2

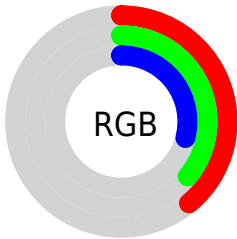
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 99, 73
Decimal	6511945
CIE Lab	39.52, -1.21, 12.38
CIE LCh	40, 12.437, 95.570
Yxy	10.9624, 0.3526, 0.3767
Android (android.graphics.Color)	4284702025 (0xFF635D49)
YUV	92.5140, -9.6204, 5.6882
Hunter-Lab	33.1095, -2.6142, 9.0686

# Details

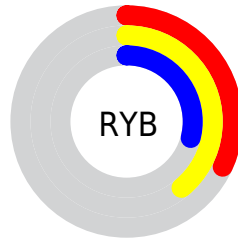
The Decimal color **6511945** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4804451**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **9867130**, and **3419933** is the 20% darker color. If you saturate the color by 10%, you get **6511423**, and if you desaturate by 10%, it is **6512467**.

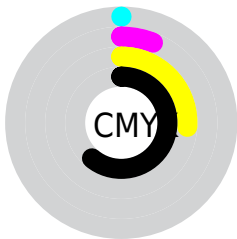
# Distribution



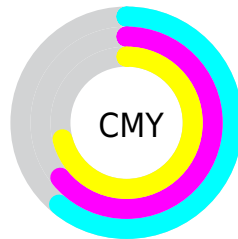
- Red (39%)
- Green (36%)
- Blue (29%)



- Red (32%)
- Yellow (39%)
- Blue (29%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6511945 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 6511945 by changing the saturation by 10% instead.





6511945



6511945

16777215



4932914



9867130



3419933



11643539



2038276



13419950



0



15327689



16776678



6511945



6511945



6511423



6512467



6510645



6513245

■ 6510123

■ 6513767

■ 6509601

■ 6514289

■ 6509080

■ 6514811

■ 6508302

■ 6515588

■ 6507780

■ 6516110

■ 6507520

■ 6516632

■ 6517410

# Harmonies

## Analogous

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



7101003



6511945



5791820

# Triad

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



6511945



4350568



7100262

# Complementary

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



6511945



4804451

# 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.



6380142



6511945



4743279

# Square

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



6511945



4481887



5528945



7493212

# Rectangle

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



6511945



5268049



5528945



6903913



# Sweetspot

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



6511945



8420725



6506831



4210233



12566463



4210752



# Same Dimension

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



6511945



8418903



6054729



3157804



7362048



15775744



# Inverse Universe

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



4804451



5726336



5261667



2895152



6768



14320



# Previews

## White Background



This preview shows how the Decimal color 6511945 looks on a white background.

## Color Contrast Check

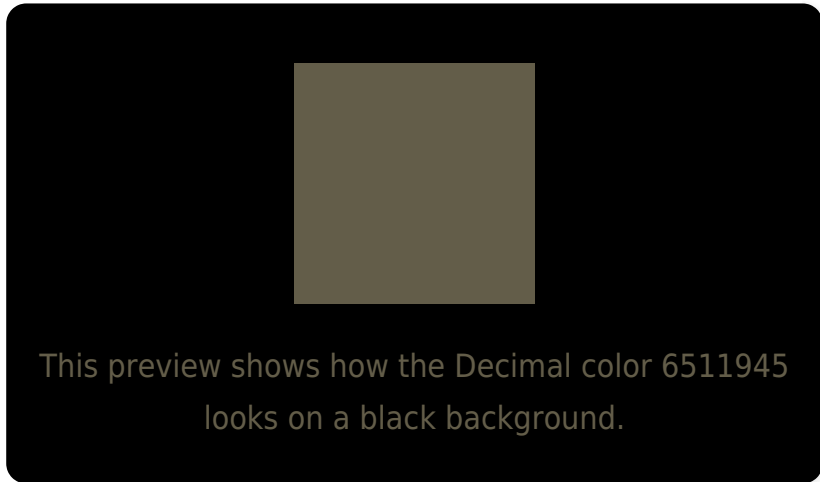
Large Text (above 18pt) WCAG AA ✓ Pass

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

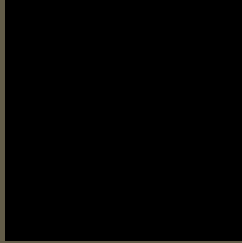
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

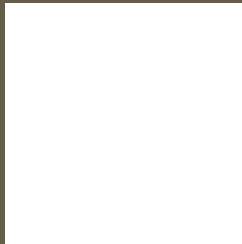
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6511945 Background



This preview shows how black text looks on a background with the Decimal color 6511945.

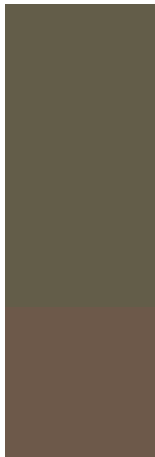


This preview shows how white text looks on a background with the Decimal color 6511945.

# 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**  
6511945

**Protanopia**  
6511945

**Deuteranopia**  
7166282



**Tritanopia**  
6707809

# Trichromacy



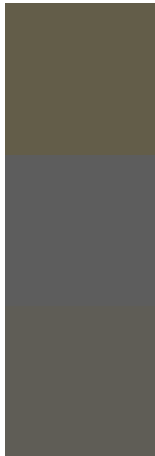
**Original Color**  
6511945

**Protanomaly**  
6511945

**Deuteranomaly**  
6904394

**Tritanomaly**  
6642520

# Monochromacy



**Original Color**  
6511945

**Achromatopsia**  
6118749

**Achromatomaly**  
6249814

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6511945 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 #635D49 looks like.

```
.text, #text, p{  
  color:#635D49  
}
```

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 #635D49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635D49
}
```

## Border

The CSS property to change the border of an element to Decimal 6511945 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
#635D49 }
```

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

```
.border{ border-color:#635D49 }
```

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

Here you see how a box with a 4 pixel #635D49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635D49; -webkit-box-shadow:4px 4px  
4px 4px #635D49; box-shadow:4px 4px 4px  
4px #635D49 }
```

# Background

The CSS property to change the background color of an element to Decimal 6511945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635D49 }
```

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

```
.background{ background-color:#635D49 }
```

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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