

Converting Colors

Decimal(6509368)

Have a look what the booklet for
Decimal(6509368) contains.

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Color

Decimal(6509368)

Conversions

Conversions Part 1

Format	Color
Hex	635338
RGB	99, 83, 56
RGB Percent	39%, 33%, 22%
CMY	0.6118, 0.6745, 0.7804
CMYK	0.00, 0.16, 0.43, 0.61
HSL	38°, 28%, 30%
HSV	38°, 43%, 39%
XYZ	8.9527, 9.1247, 5.0308
YIQ	84.7060, 18.2030, -5.0050

Conversions

Conversions Part 2

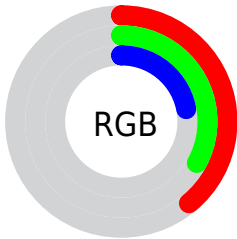
Format	Color
R_{YB}	81, 99, 56
Decimal	6509368
CIE Lab	36.22, 2.40, 18.27
CIE LCh	36, 18.430, 82.530
Yxy	9.1247, 0.3874, 0.3949
Android (android.graphics.Color)	4284699448 (0xFF635338)
YUV	84.7060, -14.1521, 12.5358
Hunter-Lab	30.2071, 0.0407, 11.2707

Details

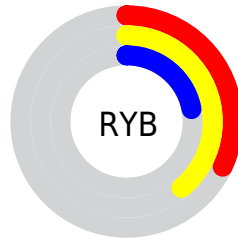
The Decimal color **6509368** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3688547**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9929831**, and **3352077** is the 20% darker color. If you saturate the color by 10%, you get **6508334**, and if you desaturate by 10%, it is **6510402**.

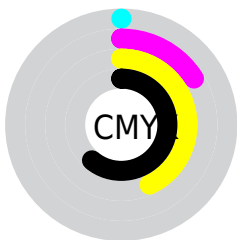
Distribution



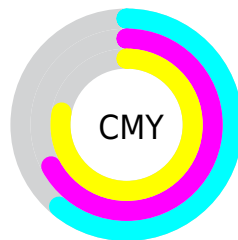
- Red (39%)
- Green (33%)
- Blue (22%)



- Red (32%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (16%)
- Yellow (43%)
- Black (61%)



- Cyan (61%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6509368 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 6509368 by changing the saturation by 10% instead.



6509368



6509368

16777215



4865058



9929831



3352077



11705984



1905152



13547931



0



15390133



16773585



16777197



6509368



6509368



6508334



6510402

■ 6507556

■ 6511180

■ 6506522

■ 6512214

■ 6505488

■ 6513248

■ 6504710

■ 6514026

■ 6503936

■ 6515059

■ 6516093

■ 6516871

■ 6517905

Harmonies

Analogous

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



7228990



6509368



5527610

Triad

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



6509368



2514272



6573671

Complementary

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



6509368



3688547

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.



5395312



6509368



2775916

Square

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



6509368



3300689



3954802



7359322

Rectangle

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



6509368



4807231



3954802



6246251

Sweetspot

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



6509368



8419695



6502472



4209718



12566463



4210752

Same Dimension

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



6509368



8415037



6185784



3157804



7357952



15767296

Inverse Universe

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



3688547



4019840



4012131



2895152



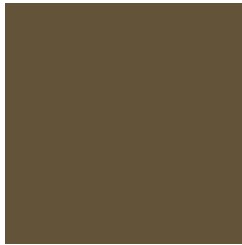
10864



23024

Previews

White Background



This preview shows how the Decimal color 6509368 looks on a white background.

Color Contrast Check

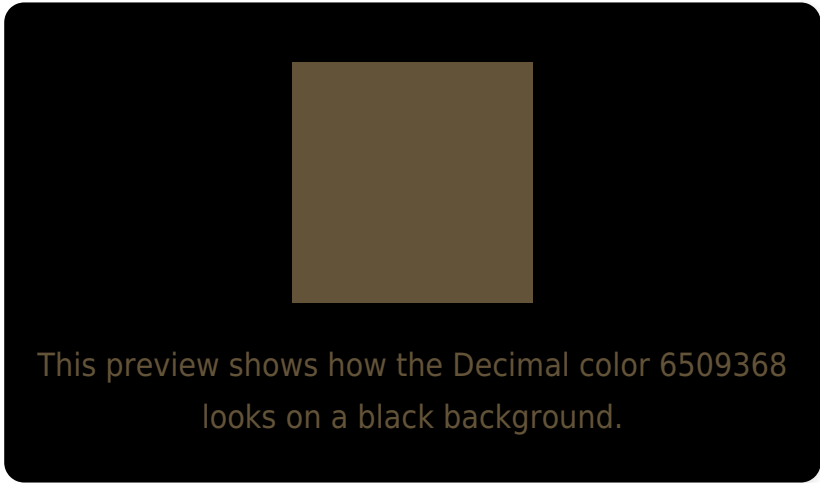
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

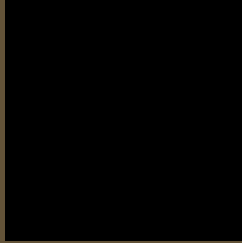
Any Text WCAG AA × Fail

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 6509368 Background



This preview shows how black text looks on a background with the Decimal color 6509368.



This preview shows how white text looks on a background with the Decimal color 6509368.

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
6509368

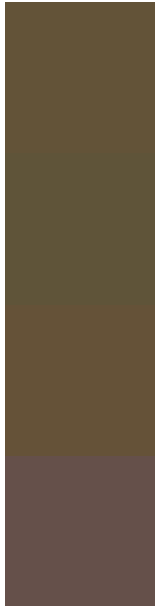
Protanopia
6116665

Deuteranopia
6705720



Tritanopia
6704981

Trichromacy



Original Color

6509368

Protanomaly

6247481

Deuteranomaly

6640184

Tritanomaly

6639690

Monochromacy



Original Color

6509368

Achromatopsia

5592405

Achromatomaly

5919818

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6509368 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 #635338 looks like.

```
.text, #text, p{  
    color:#635338  
}
```

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 #635338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635338
}
```

Border

The CSS property to change the border of an element to Decimal 6509368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

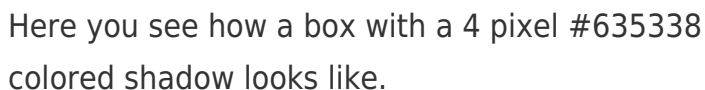
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635338 }
```

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

```
.border{ border-color:#635338 }
```

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



Here you see how a box with a 4 pixel #635338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635338; -webkit-box-shadow:4px 4px  
4px 4px #635338; box-shadow:4px 4px 4px  
4px #635338 }
```

Background

The CSS property to change the background color of an element to Decimal 6509368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635338 }
```

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

```
.background{ background-color:#635338 }
```

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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