

# Converting Colors

Decimal(6112321)

Have a look what the booklet for  
Decimal(6112321) contains.

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# Color

**Decimal(6112321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5D4441
RGB	93, 68, 65
RGB Percent	36%, 27%, 25%
CMY	0.6353, 0.7333, 0.7451
CMYK	0.00, 0.27, 0.30, 0.64
HSL	6°, 18%, 31%
HSV	6°, 30%, 36%
XYZ	7.5355, 6.8431, 5.9247
YIQ	75.1330, 15.8630, 4.3670

# Conversions

## Conversions Part 2

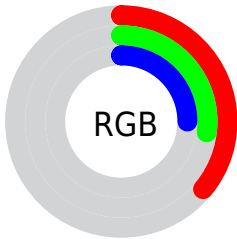
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 68, 65
Decimal	6112321
CIELab	31.45, 10.28, 6.02
CIElCh	31, 11.915, 30.333
Yxy	6.8431, 0.3711, 0.3370
Android (android.graphics.Color)	4284302401 (0xFF5D4441)
YUV	75.1330, -4.9956, 15.6694
Hunter-Lab	26.1592, 5.6403, 4.8831

# Details

The Decimal color **6112321** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4282973**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **9466993**, and **3021079** is the 20% darker color. If you saturate the color by 10%, you get **6110264**, and if you desaturate by 10%, it is **6114378**.

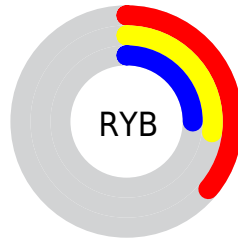
# Distribution



Red (36%)

Green (27%)

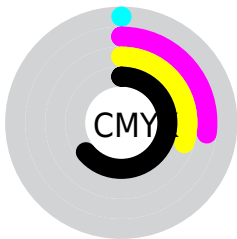
Blue (25%)



Red (36%)

Yellow (27%)

Blue (25%)

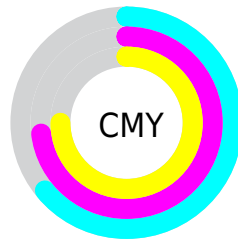


Cyan (0%)

Magenta (27%)

Yellow (30%)

Black (64%)



Cyan (64%)

Magenta (73%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6112321 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 6112321 by changing the saturation by 10% instead.





6112321



6112321

16777215



4533803



9466993



3021079



11243146



1703936



13019300



0



14861504



16768987



16776440



6112321



6112321



6110264



6114378

6107950

6116692

6105893

6118749

6103836

6120806

6101522

6123120

6099465

6125177

6097408

6127234

6129291

6131605

# Harmonies

## Analogous

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



6046538



6112321



5850682

# Triad

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



6112321



3952193



4148060

# Complementary

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



6112321



4282973

# 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.



3427674



6112321



3362634

# Square

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



6112321



4672570



3166035



4999258

# Rectangle

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



6112321



5523512



3166035



3886172



# Sweetspot

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



6112321



7892589



6111578



4011830



12434877



4013373



# Same Dimension

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



6112321



7885133



6115905



3025449



7212032



15538432



# Inverse Universe

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



4282973



5075832



4279389



2698542



25198



54509



# Previews

## White Background



This preview shows how the Decimal color 6112321 looks on a white background.

## Color Contrast Check

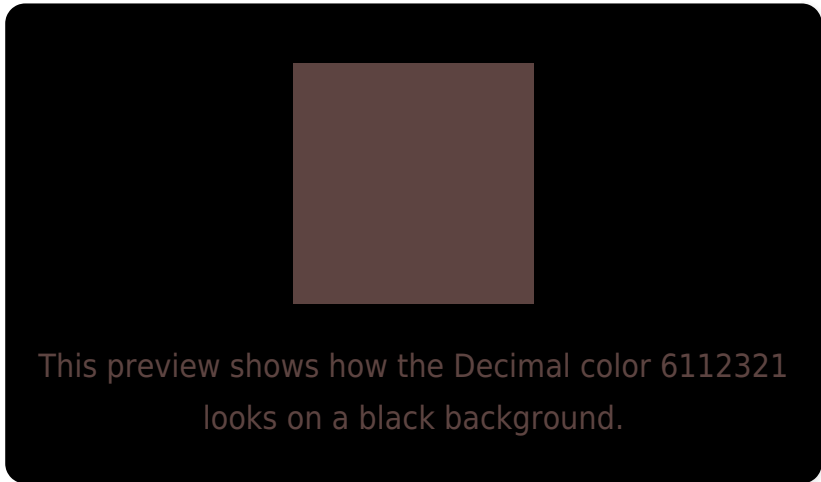
Large Text (above 18pt) WCAG AA ✓ Pass

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

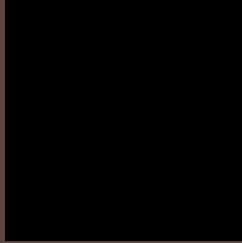
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6112321 Background



This preview shows how black text looks on a background with the Decimal color 6112321.

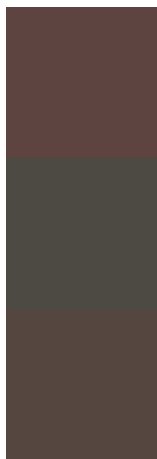


This preview shows how white text looks on a background with the Decimal color 6112321.

# 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**  
6112321

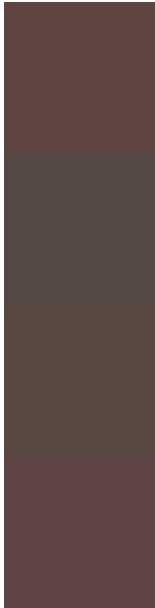
**Protanopia**  
5065284

**Deuteranopia**  
5588800



**Tritanopia**  
6177608

# Trichromacy



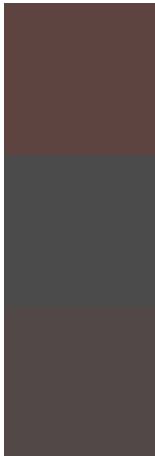
**Original Color**  
6112321

**Protanomaly**  
5457987

**Deuteranomaly**  
5785152

**Tritanomaly**  
6177605

# Monochromacy



**Original Color**  
6112321

**Achromatopsia**  
4934475

**Achromatomaly**  
5392455

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6112321 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 #5D4441 looks like.

```
.text, #text, p{  
  color:#5D4441  
}
```

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 #5D4441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D4441
}
```

## Border

The CSS property to change the border of an element to Decimal 6112321 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".

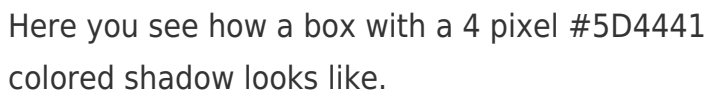
```
.border, #border, table{ border:4px solid
#5D4441 }
```

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

```
.border{ border-color:#5D4441 }
```

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

Here you see how a box with a 4 pixel #5D4441 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D4441; -webkit-box-shadow:4px 4px  
4px 4px #5D4441; box-shadow:4px 4px 4px  
4px #5D4441 }
```

# Background

The CSS property to change the background color of an element to Decimal 6112321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D4441 }
```

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

```
.background{ background-color:#5D4441 }
```

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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