

Converting Colors

Decimal(6506321)

Have a look what the booklet for
Decimal(6506321) contains.

Decimal(6506321)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6506321)

Conversions

Conversions Part 1

Format	Color
Hex	634751
RGB	99, 71, 81
RGB Percent	39%, 28%, 32%
CMY	0.6118, 0.7216, 0.6824
CMYK	0.00, 0.28, 0.18, 0.61
HSL	339°, 16%, 33%
HSV	339°, 28%, 39%
XYZ	8.8840, 7.7532, 8.8129
YIQ	80.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

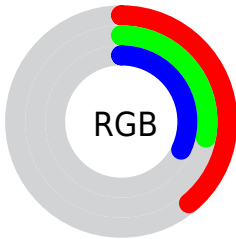
Format	Color
R_{YB}	99, 71, 81
Decimal	6506321
CIE Lab	33.46, 13.71, -1.23
CIE LCh	33, 13.764, 354.868
Yxy	7.7532, 0.3491, 0.3046
Android (android.graphics.Color)	4284696401 (0xFF634751)
YUV	80.5120, 0.2406, 16.2140
Hunter-Lab	27.8446, 8.2238, 0.7258

Details

The Decimal color **6506321** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4678489**, and the grayscale version is **5329233**.

A 20% lighter version of the original color is **9861250**, and **3414821** is the 20% darker color. If you saturate the color by 10%, you get **6503755**, and if you desaturate by 10%, it is **6508887**.

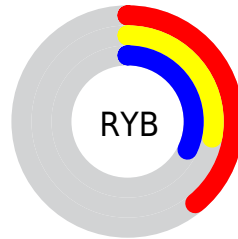
Distribution



Red (39%)

Green (28%)

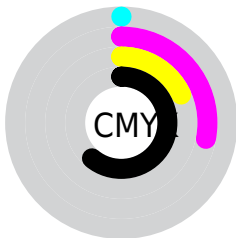
Blue (32%)



Red (39%)

Yellow (28%)

Blue (32%)

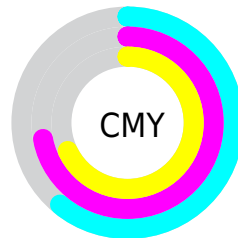


Cyan (0%)

Magenta (28%)

Yellow (18%)

Black (61%)



Cyan (61%)

Magenta (72%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6506321 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 6506321 by changing the saturation by 10% instead.



6506321



6506321

16777215



4927546



9861250



3414821



11637148



2097679



13479095



0



15321043



16770031



6506321



6506321



6503755



6508887



6501188



6511454

6498622

6514020

6496056

6516586

6493745

6519153

6491179

6521463

6488612

6524030

6488099

6526596

6529162

Harmonies

Analogous

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



5982555



6506321



6637382

Triad

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



6506321



5067067



3363680

Complementary

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



6506321



4678489

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.



3102039



6506321



4281154

Square

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



6506321



5852473



3495244



4149348

Rectangle

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



6506321



6506816



3495244



3232862

Sweetspot

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



6506321



8418681



5850979



4208956



12566463



4210752

Same Dimension

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



6506321



8410212



6507335



3157037



7340072



15728726

Inverse Universe

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



6506321



8410212



4677475



3157037



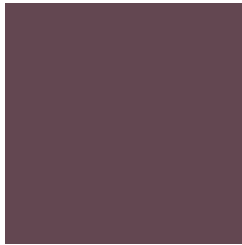
7340072



15728726

Previews

White Background



This preview shows how the Decimal color 6506321 looks on a white background.

Color Contrast Check

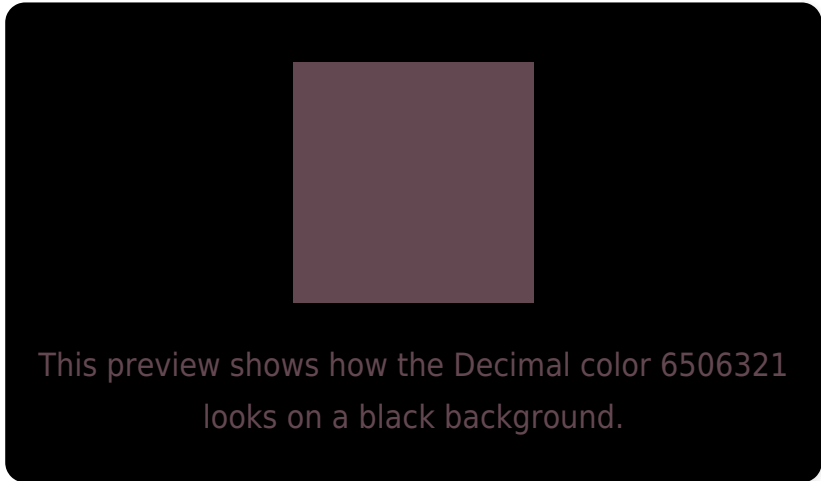
Large Text (above 18pt) WCAG AA ✓ Pass

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

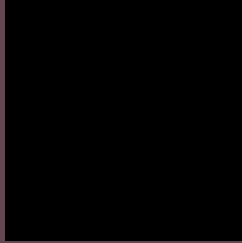
Any Text WCAG AA × Fail

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 6506321 Background



This preview shows how black text looks on a background with the Decimal color 6506321.



This preview shows how white text looks on a background with the Decimal color 6506321.

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
6506321

Protanopia
5131861

Deuteranopia
5655632



Tritanopia
6506573

Trichromacy



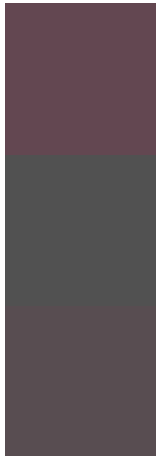
Original Color
6506321

Protanomaly
5655380

Deuteranomaly
5982800

Tritanomaly
6506574

Monochromacy



Original Color
6506321

Achromatopsia
5329233

Achromatomaly
5786961

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6506321 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 #634751 looks like.

```
.text, #text, p{  
    color:#634751  
}
```

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 #634751 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #634751
}
```

Border

The CSS property to change the border of an element to Decimal 6506321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

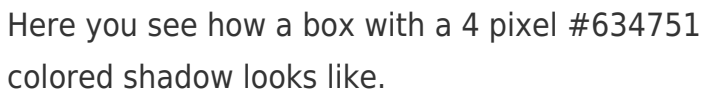
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#634751 }
```

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

```
.border{ border-color:#634751 }
```

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



Here you see how a box with a 4 pixel #634751 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #634751; -webkit-box-shadow:4px 4px  
4px 4px #634751; box-shadow:4px 4px 4px  
4px #634751 }
```

Background

The CSS property to change the background color of an element to Decimal 6506321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#634751 }
```

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

```
.background{ background-color:#634751 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor