

Converting Colors

Decimal(6514251)

Have a look what the booklet for
Decimal(6514251) contains.

Decimal(6514251)	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(6514251)

Conversions

Conversions Part 1

Format	Color
Hex	63664B
RGB	99, 102, 75
RGB Percent	39%, 40%, 29%
CMY	0.6118, 0.6000, 0.7059
CMYK	0.03, 0.00, 0.26, 0.60
HSL	67°, 15%, 35%
HSV	67°, 26%, 40%
XYZ	11.1670, 12.6634, 8.5123
YIQ	98.0250, 6.8790, -9.0330

Conversions

Conversions Part 2

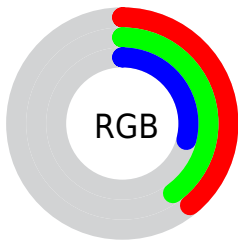
Format	Color
RYB	75, 102, 78
Decimal	6514251
CIELab	42.25, -6.20, 14.92
CIELCh	42, 16.151, 112.558
Yxy	12.6634, 0.3453, 0.3915
Android (android.graphics.Color)	4284704331 (0xFF63664B)
YUV	98.0250, -11.3513, 0.8551
Hunter-Lab	35.5857, -6.2607, 10.7274

Details

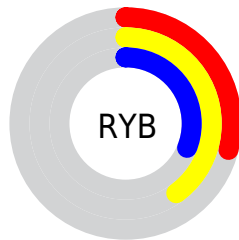
The Decimal color **6514251** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5131110**, and the grayscale version is **6447714**.

A 20% lighter version of the original color is **9869692**, and **3421983** is the 20% darker color. If you saturate the color by 10%, you get **6448705**, and if you desaturate by 10%, it is **6579797**.

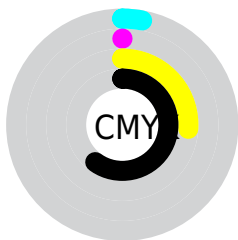
Distribution



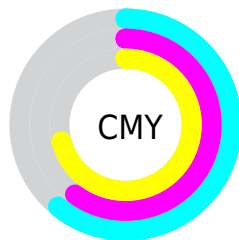
- Red (39%)
- Green (40%)
- Blue (29%)



- Red (29%)
- Yellow (40%)
- Blue (31%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (60%)



- Cyan (61%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6514251 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 6514251 by changing the saturation by 10% instead.



6514251



6514251

16777215



4935220



9869692



3421983



11646102



2040328



13422513



3072



15330252



0



16777192



6514251



6514251



6448705



6579797



6383159



6645343

■ 6317612

■ 6710890

■ 6186530

■ 6841972

■ 6120984

■ 6907518

■ 6055438

■ 6973064

■ 5989892

■ 7038610

■ 5989888

■ 7104157

■ 7169703

Harmonies

Analogous

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



7430730



6514251



5531987

Triad

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



6514251



4286840



8149608

Complementary

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



6514251



5131110

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.



7495028



6514251



5203582

Square

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



6514251



4090733



6381948



8346458

Rectangle

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



6514251



4877147



6381948



7953260

Sweetspot

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



6514251



8619386



6704715



4342332



12763842



4342338

Same Dimension

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



6514251



8422746



5662283



3289902



6714112



14152192

Inverse Universe

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



5131110



6249093



5983078



3026483



852083



1769714

Previews

White Background



This preview shows how the Decimal color 6514251 looks on a white background.

Color Contrast Check

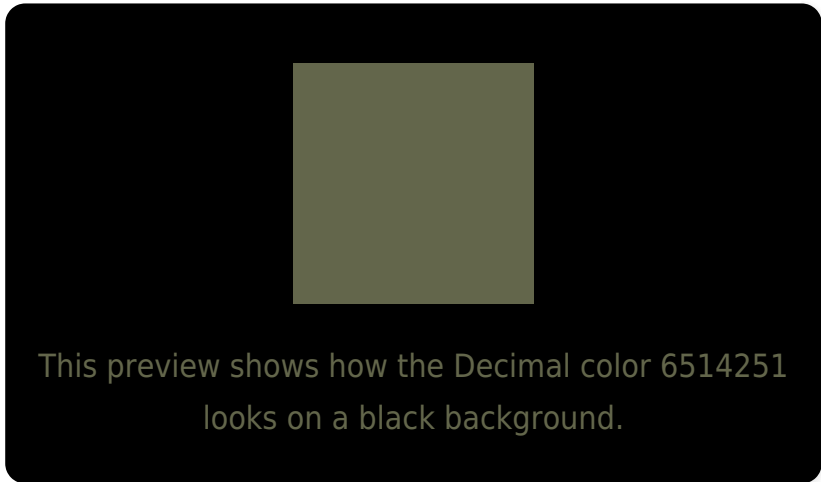
Large Text (above 18pt) WCAG AA ✓ Pass

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

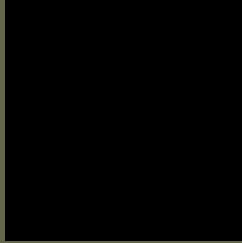
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

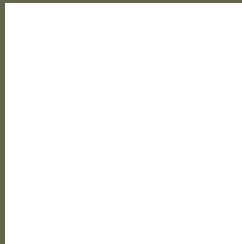
Any Text WCAG AAA × Fail

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

Decimal 6514251 Background



This preview shows how black text looks on a background with the Decimal color 6514251.



This preview shows how white text looks on a background with the Decimal color 6514251.

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
6514251

Protanopia
7038026

Deuteranopia
7692364



Tritanopia
6775402

Trichromacy



Original Color
6514251

Protanomaly
6841674

Deuteranomaly
7234124

Tritanomaly
6710111

Monochromacy



Original Color
6514251

Achromatopsia
6447714

Achromatomaly
6447962

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6514251 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 #63664B looks like.

```
.text, #text, p{  
    color:#63664B  
}
```

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 #63664B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63664B
}
```

Border

The CSS property to change the border of an element to Decimal 6514251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

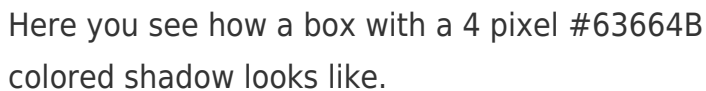
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63664B }
```

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

```
.border{ border-color:#63664B }
```

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



Here you see how a box with a 4 pixel #63664B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63664B; -webkit-box-shadow:4px 4px  
4px 4px #63664B; box-shadow:4px 4px 4px  
4px #63664B }
```

Background

The CSS property to change the background color of an element to Decimal 6514251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63664B }
```

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

```
.background{ background-color:#63664B }
```

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