

Converting Colors

Decimal(6442024)

Have a look what the booklet for
Decimal(6442024) contains.

Decimal(6442024)	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(6442024)

Conversions

Conversions Part 1

Format	Color
Hex	624C28
RGB	98, 76, 40
RGB Percent	38%, 30%, 16%
CMY	0.6157, 0.7020, 0.8431
CMYK	0.00, 0.22, 0.59, 0.62
HSL	37°, 42%, 27%
HSV	37°, 59%, 38%
XYZ	8.0044, 7.9188, 3.1141
YIQ	78.4740, 24.6680, -6.5320

Conversions

Conversions Part 2

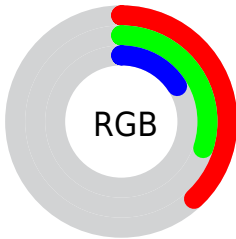
Format	Color
R_{YB}	75, 98, 40
Decimal	6442024
CIE _{Lab}	33.81, 4.45, 24.72
CIE _{LCh}	34, 25.120, 79.792
Yxy	7.9188, 0.4205, 0.4160
Android (android.graphics.Color)	4284632104 (0xFF624C28)
YUV	78.4740, -18.9677, 17.1243
Hunter-Lab	28.1403, 1.5285, 13.1370

Details

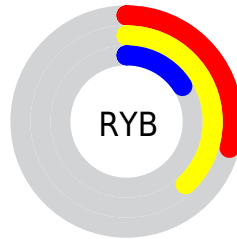
The Decimal color **6442024** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2637410**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **9862486**, and **3284992** is the 20% darker color. If you saturate the color by 10%, you get **6440990**, and if you desaturate by 10%, it is **6443058**.

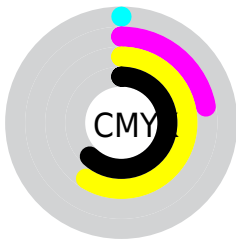
Distribution



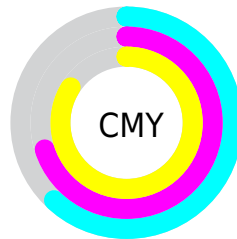
- Red (38%)
- Green (30%)
- Blue (16%)



- Red (29%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6442024 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 6442024 by changing the saturation by 10% instead.



6442024



6442024

16777215



4797714



9862486



3284992



11704175



1706496



13545864



0



15453603



16771518



16777178



16777206



6442024



6442024

■ 6440990

■ 6443058

■ 6440212

■ 6443836

■ 6439179

■ 6444869

■ 6438145

■ 6445903

■ 6438144

■ 6446937

■ 6447715

■ 6448749

■ 6449782

■ 6450560

Harmonies

Analogous

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



7357746



6442024



5198377

Triad

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



6442024



23132



6440297

Complementary

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



6442024



2637410

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.



4672885



6442024



22637

Square

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



6442024



1726792



2184310



7422039

Rectangle

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



6442024



4216368



2184310



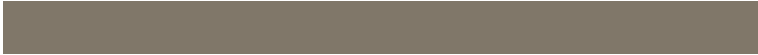
5916782

Sweetspot

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



6442024



8419177



6432830



4209202



12566463



4210752

Same Dimension

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



6442024



8412453



5988904



3157804



7357952



15766784

Inverse Universe

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



2637410



2443136



3090530



2895152



11120



23536

Previews

White Background



This preview shows how the Decimal color 6442024 looks on a white background.

Color Contrast Check

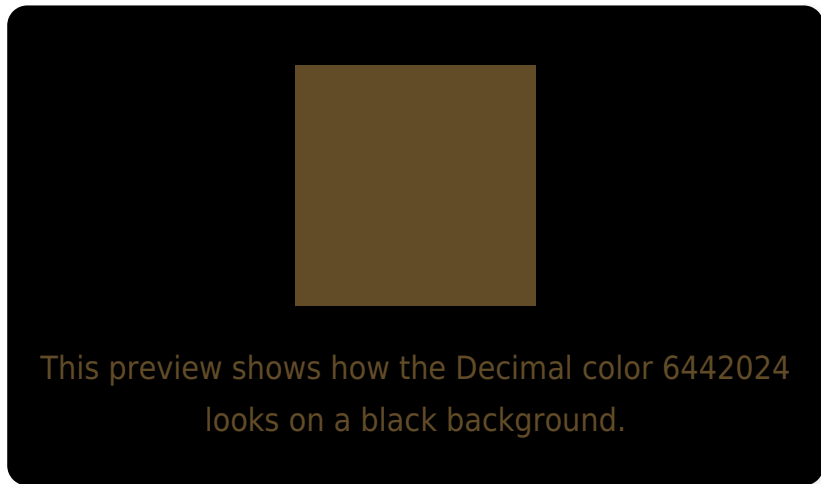
Large Text (above 18pt) WCAG AA ✓ Pass

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

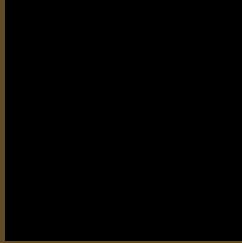
Any Text WCAG AA × Fail

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 6442024 Background



This preview shows how black text looks on a background with the Decimal color 6442024.



This preview shows how white text looks on a background with the Decimal color 6442024.

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


6442024

Protanopia

5787689

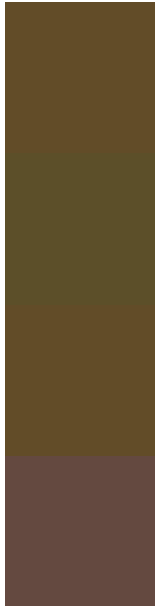
Deuteranopia

6442024



Tritanopia
6637645

Trichromacy



Original Color
6442024

Protanomaly
6049577

Deuteranomaly
6442024

Tritanomaly
6572352

Monochromacy



Original Color
6442024

Achromatopsia
5131854

Achromatomaly
5590336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6442024 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 #624C28 looks like.

```
.text, #text, p{  
    color:#624C28  
}
```

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 #624C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #624C28
}
```

Border

The CSS property to change the border of an element to Decimal 6442024 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
#624C28 }
```

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

```
.border{ border-color:#624C28 }
```

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

Here you see how a box with a 4 pixel #624C28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #624C28; -webkit-box-shadow:4px 4px  
4px 4px #624C28; box-shadow:4px 4px 4px  
4px #624C28 }
```

Background

The CSS property to change the background color of an element to Decimal 6442024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#624C28 }
```

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

```
.background{ background-color:#624C28 }
```

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