

Converting Colors

Decimal(6490631)

Have a look what the booklet for
Decimal(6490631) contains.

Decimal(6490631)	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(6490631)

Conversions

Conversions Part 1

Format	Color
Hex	630A07
RGB	99, 10, 7
RGB Percent	39%, 4%, 3%
CMY	0.6118, 0.9608, 0.9725
CMYK	0.00, 0.90, 0.93, 0.61
HSL	2°, 87%, 21%
HSV	2°, 93%, 39%
XYZ	5.2925, 2.8851, 0.4789
YIQ	36.2690, 54.0070, 17.9350

Conversions

Conversions Part 2

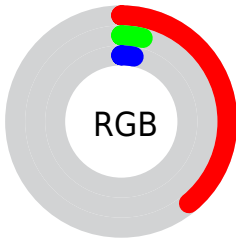
Format	Color
RYB	99, 10, 7
Decimal	6490631
CIELab	19.58, 37.58, 26.90
CIELCh	20, 46.217, 35.600
Yxy	2.8851, 0.6114, 0.3333
Android (android.graphics.Color)	4284680711 (0xFF630A07)
YUV	36.2690, -14.4296, 55.0151
Hunter-Lab	16.9855, 25.8939, 10.2180

Details

The Decimal color **6490631** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **483427**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **10240051**, and **3080194** is the 20% darker color. If you saturate the color by 10%, you get **6488832**, and if you desaturate by 10%, it is **6493201**.

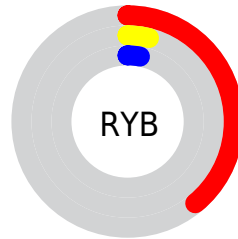
Distribution



Red (39%)

Green (4%)

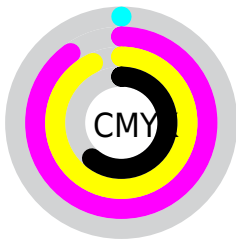
Blue (3%)



Red (39%)

Yellow (4%)

Blue (3%)

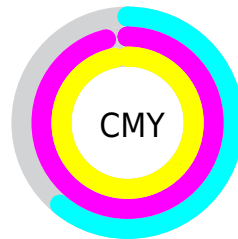


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (61%)



Cyan (61%)

Magenta (96%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6490631 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 6490631 by changing the saturation by 10% instead.

 6490631

 6490631

 16776936

 4653056

 10240051

 3080194

 12212554

 0

 14119778

 16158075

 16755093

 16762032

 16769483

 6490631

 6490631

■ 6488832

■ 6493201

■ 6495515

■ 6498085

■ 6500399

■ 6502969

■ 6505282

■ 6507852

■ 6510422

■ 6512736

Harmonies

Analogous

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



6815787



6490631



5317120

Triad

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



6490631



15121



12916

Complementary

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



6490631



483427

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.



14957



6490631



15669

Square

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



6490631



1128448



15702



3416935

Rectangle

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



6490631



4205568



15702



13940

Sweetspot

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



6490631



8412508



6489953



4205354



12566463



4210752

Same Dimension

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



6490631



8389632



6502151



3157036



7341056



15730688

Inverse Universe

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



483427



31616



471907



2895920



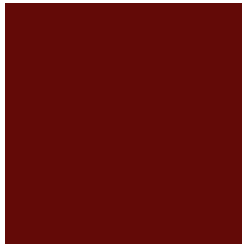
28016



59632

Previews

White Background



This preview shows how the Decimal color 6490631 looks on a white background.

Color Contrast Check

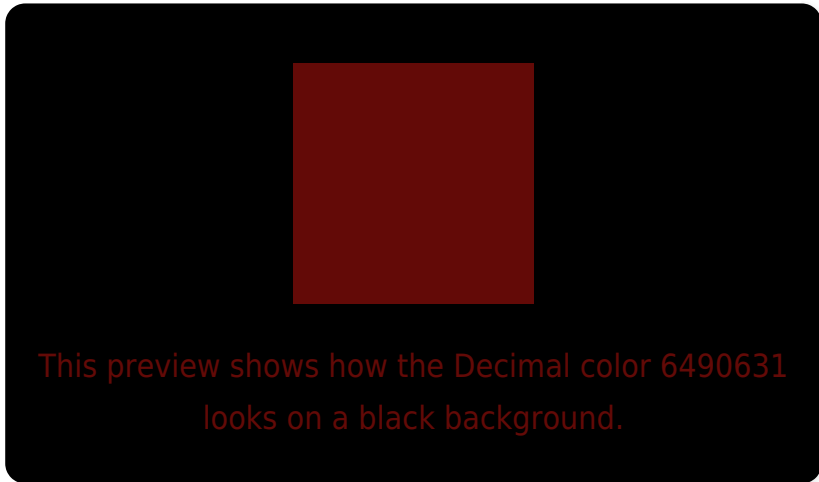
Large Text (above 18pt) WCAG AA ✓ Pass

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

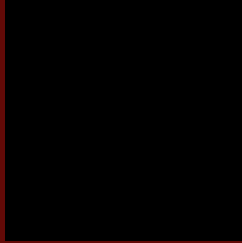
Any Text WCAG AA × Fail

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 6490631 Background



This preview shows how black text looks on a background with the Decimal color 6490631.

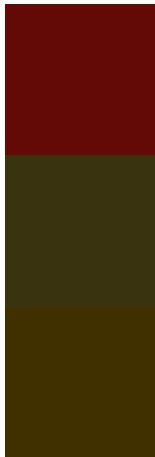


This preview shows how white text looks on a background with the Decimal color 6490631.

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
6490631

Protanopia
3748624

Deuteranopia
4206592

Trichromacy



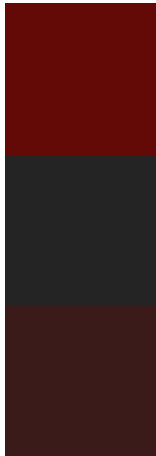
Original Color
6490631

Protanomaly
4727821

Deuteranomaly
5054979

Tritanomaly
6490630

Monochromacy



Original Color
6490631

Achromatopsia
2368548

Achromatomaly
3873561

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6490631 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 #630A07 looks like.

```
.text, #text, p{  
    color:#630A07  
}
```

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 #630A07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630A07
}
```

Border

The CSS property to change the border of an element to Decimal 6490631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

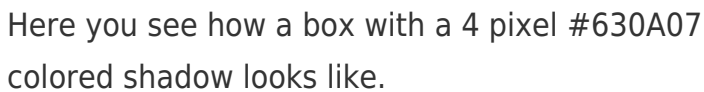
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630A07 }
```

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

```
.border{ border-color:#630A07 }
```

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



Here you see how a box with a 4 pixel #630A07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630A07; -webkit-box-shadow:4px 4px  
4px 4px #630A07; box-shadow:4px 4px 4px  
4px #630A07 }
```

Background

The CSS property to change the background color of an element to Decimal 6490631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630A07 }
```

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

```
.background{ background-color:#630A07 }
```

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