

Converting Colors

Decimal(6366720)

Have a look what the booklet for
Decimal(6366720) contains.

Decimal(6366720)	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>	28

Color

Decimal(6366720)

Conversions

Conversions Part 1

Format	Color
Hex	612600
RGB	97, 38, 0
RGB Percent	38%, 15%, 0%
CMY	0.6196, 0.8510, 1.0000
CMYK	0.00, 0.61, 1.00, 0.62
HSL	24°, 100%, 19%
HSV	24°, 100%, 38%
XYZ	5.6229, 3.9276, 0.4617
YIQ	51.3090, 47.3620, 0.6900

Conversions

Conversions Part 2

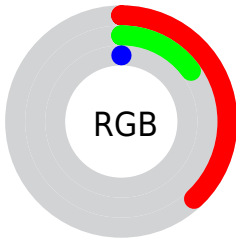
Format	Color
RYB	97, 62, 0
Decimal	6366720
CIELab	23.43, 24.86, 33.79
CIElCh	23, 41.955, 53.655
Yxy	3.9276, 0.5616, 0.3923
Android (android.graphics.Color)	4284556800 (0xFF612600)
YUV	51.3090, -25.2953, 40.0710
Hunter-Lab	19.8182, 15.9627, 12.4913

Details

The Decimal color **6366720** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **15201**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **10048815**, and **2949120** is the 20% darker color. If you saturate the color by 10%, you get **6366720**, and if you desaturate by 10%, it is **6368266**.

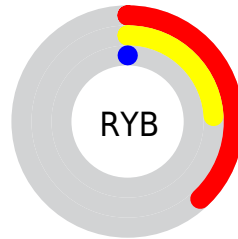
Distribution



Red (38%)

Green (15%)

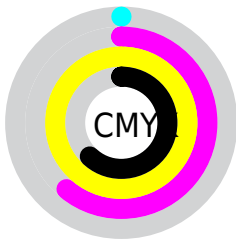
Blue (0%)



Red (38%)

Yellow (24%)

Blue (0%)

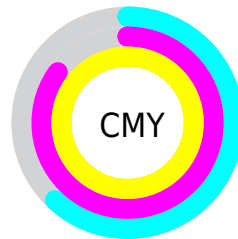


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6366720 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 6366720 by changing the saturation by 10% instead.

 6366720

 6366720

 16777188

 4591360

 10048815

 2949120

 11955782

 0

 13862751

 15835768

 16760210

 16767404

 16774856

 6366720

■ 6368266

■ 6369811

■ 6371357

■ 6372903

■ 6374193

■ 6375738

■ 6377284

■ 6378830

■ 6380375

Harmonies

Analogous

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



7149089



6366720



4928512

Triad

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



6366720



17712



2437746

Complementary

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



6366720



15201

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.



15991



6366720



17744

Square

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



6366720



17167



17514



5644894

Rectangle

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



6366720



3750656



17514



14197

Sweetspot

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



6366720



8218199



6357052



4207145



12566463



4210752

Same Dimension

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



6366720



8204544



6379008



3157548



7351296



15752704

Inverse Universe

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



15201



19581



2913



2895664



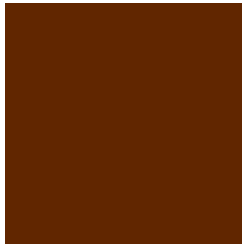
17520



37616

Previews

White Background



This preview shows how the Decimal color 6366720 looks on a white background.

Color Contrast Check

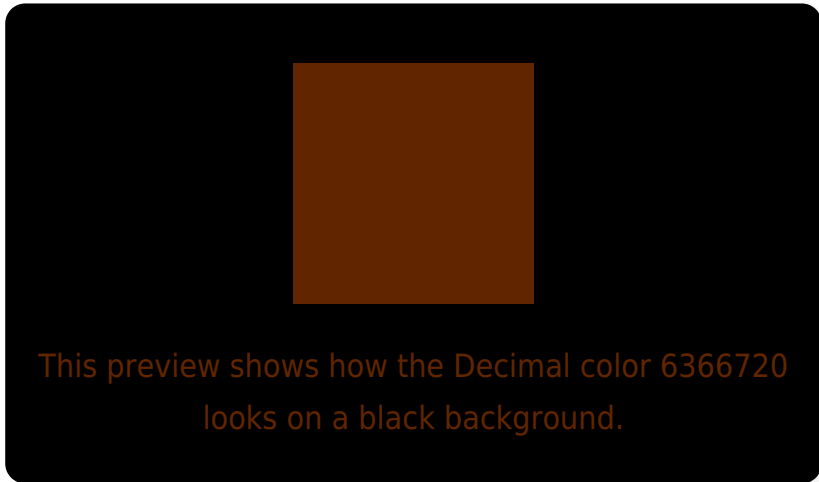
Large Text (above 18pt) WCAG AA ✓ Pass

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

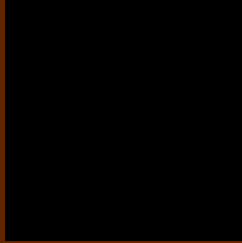
Any Text WCAG AA × Fail

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 6366720 Background



This preview shows how black text looks on a background with the Decimal color 6366720.



This preview shows how white text looks on a background with the Decimal color 6366720.

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
6366720

Protanopia
4208906

Tritanopia
6431525

Trichromacy



Original Color
6366720

Protanomaly
4993542

Tritanomaly
6431768

Monochromacy



Original Color
6366720

Achromatopsia
3355443

Achromatomaly
4468256

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6366720 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 #612600 looks like.

```
.text, #text, p{  
    color:#612600  
}
```

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 #612600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #612600
}
```

Border

The CSS property to change the border of an element to Decimal 6366720 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
#612600 }
```

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

```
.border{ border-color:#612600 }
```

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

Here you see how a box with a 4 pixel #612600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #612600; -webkit-box-shadow:4px 4px  
4px 4px #612600; box-shadow:4px 4px 4px  
4px #612600 }
```

Background

The CSS property to change the background color of an element to Decimal 6366720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#612600 }
```

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

```
.background{ background-color:#612600 }
```

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