

Converting Colors

Decimal(6422551)

Have a look what the booklet for
Decimal(6422551) contains.

Decimal(6422551)	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(6422551)

Conversions

Conversions Part 1

Format	Color
Hex	620017
RGB	98, 0, 23
RGB Percent	38%, 0%, 9%
CMY	0.6157, 1.0000, 0.9098
CMYK	0.00, 1.00, 0.77, 0.62
HSL	346°, 100%, 19%
HSV	346°, 100%, 38%
XYZ	5.1917, 2.6585, 1.0501
YIQ	31.9240, 51.0250, 27.9290

Conversions

Conversions Part 2

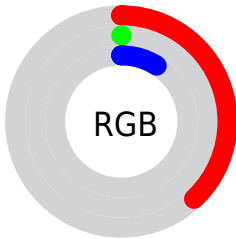
Format	Color
R_{YB}	98, 0, 23
Decimal	6422551
CIE _{Lab}	18.62, 40.48, 17.12
CIE _{LCh}	19, 43.954, 22.922
Yxy	2.6585, 0.5833, 0.2987
Android (android.graphics.Color)	4284612631 (0xFF620017)
YUV	31.9240, -4.3995, 57.9487
Hunter-Lab	16.3050, 28.3022, 7.5949

Details

The Decimal color **6422551** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **25163**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **10173249**, and **3014658** is the 20% darker color. If you saturate the color by 10%, you get **6422551**, and if you desaturate by 10%, it is **6425119**.

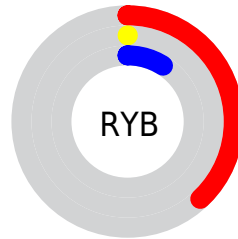
Distribution



Red (38%)

Green (0%)

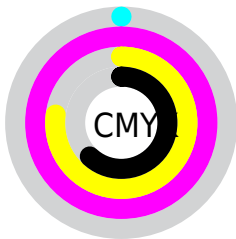
Blue (9%)



Red (38%)

Yellow (0%)

Blue (9%)

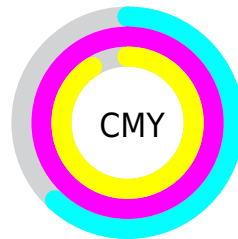


Cyan (0%)

Magenta (100%)

Yellow (77%)

Black (62%)



Cyan (62%)

Magenta (100%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6422551 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 6422551 by changing the saturation by 10% instead.

 6422551

 6422551

 16775672

 4653056

 10173249

 3014658

 12080473

 0

 13987441

 15960459

 16753829

 16761024

 16768220

 6422551

■ 6425119

■ 6427686

■ 6429998

■ 6432565

■ 6435133

■ 6437700

■ 6440268

■ 6442579

■ 6445147

Harmonies

Analogous

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



6291510



6422551



5642496

Triad

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



6422551



14336



13422

Complementary

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



6422551



25163

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.



14688



6422551



14885

Square

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



6422551



2241280



14917



927849

Rectangle

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



6422551



4728064



14917



13931

Sweetspot

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



6422551



8411490



4849762



4204846



12566463



4210752

Same Dimension

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



6422551



8388638



6428928



3157037



7340058



15728696

Inverse Universe

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



6422551



8388638



19042



3157037



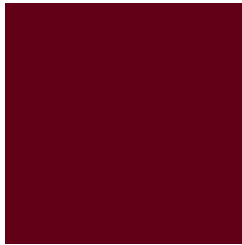
7340058



15728696

Previews

White Background



This preview shows how the Decimal color 6422551 looks on a white background.

Color Contrast Check

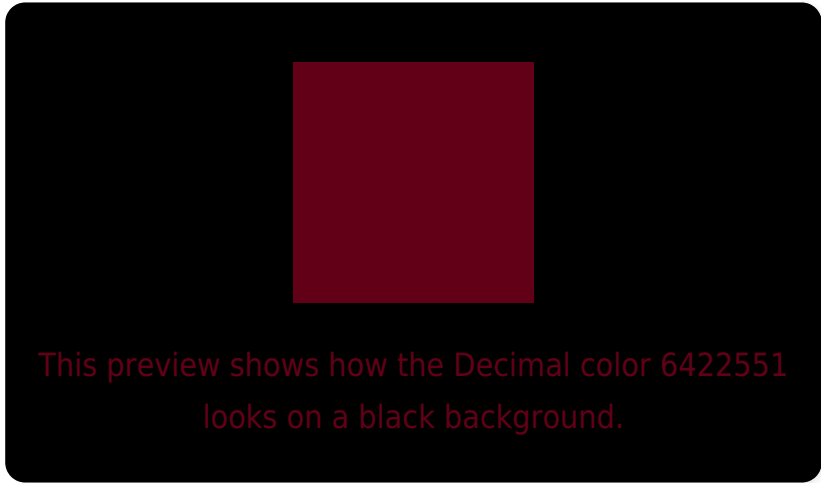
Large Text (above 18pt) WCAG AA ✓ Pass

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

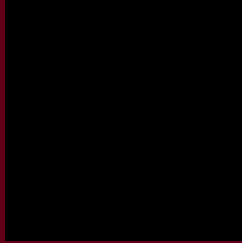
Any Text WCAG AA × Fail

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 6422551 Background



This preview shows how black text looks on a background with the Decimal color 6422551.

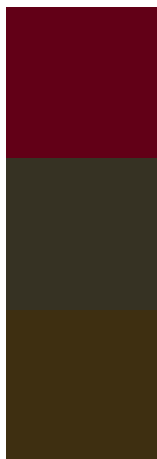


This preview shows how white text looks on a background with the Decimal color 6422551.

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
6422551

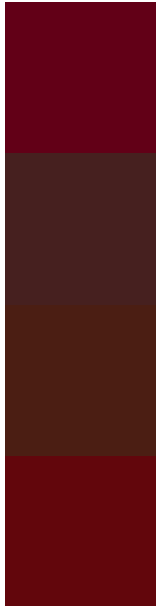
Protanopia
3551779

Deuteranopia
4075281



Tritanopia
6425093

Trichromacy



Original Color
6422551

Protanomaly
4595743

Deuteranomaly
4922899

Tritanomaly
6424076

Monochromacy



Original Color
6422551

Achromatopsia
2105376

Achromatomaly
3675165

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6422551 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 #620017 looks like.

```
.text, #text, p{  
    color:#620017  
}
```

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 #620017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #620017
}
```

Border

The CSS property to change the border of an element to Decimal 6422551 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".

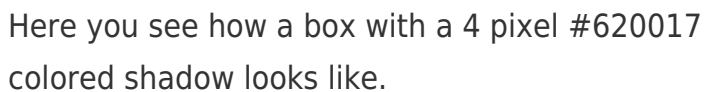
```
.border, #border, table{ border:4px solid
#620017 }
```

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

```
.border{ border-color:#620017 }
```

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

Here you see how a box with a 4 pixel #620017 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #620017; -webkit-box-shadow:4px 4px  
4px 4px #620017; box-shadow:4px 4px 4px  
4px #620017 }
```

Background

The CSS property to change the background color of an element to Decimal 6422551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#620017 }
```

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

```
.background{ background-color:#620017 }
```

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