

Converting Colors

Decimal(6166528)

Have a look what the booklet for
Decimal(6166528) contains.

Decimal(6166528)	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(6166528)

Conversions

Conversions Part 1

Format	Color
Hex	5E1800
RGB	94, 24, 0
RGB Percent	37%, 9%, 0%
CMY	0.6314, 0.9059, 1.0000
CMYK	0.00, 0.74, 1.00, 0.63
HSL	15°, 100%, 18%
HSV	15°, 100%, 37%
XYZ	4.9427, 3.0330, 0.3249
YIQ	42.1940, 49.4240, 7.3760

Conversions

Conversions Part 2

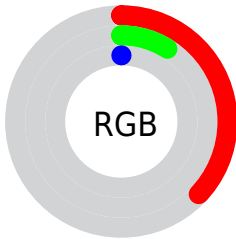
Format	Color
RYB	94, 32, 0
Decimal	6166528
CIELab	20.18, 30.70, 30.14
CIELCh	20, 43.021, 44.470
Yxy	3.0330, 0.5955, 0.3654
Android (android.graphics.Color)	4284356608 (0xFF5E1800)
YUV	42.1940, -20.8016, 45.4339
Hunter-Lab	17.4154, 20.1839, 11.0846

Details

The Decimal color **6166528** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **18014**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **9848879**, and **2818049** is the 20% darker color. If you saturate the color by 10%, you get **6166528**, and if you desaturate by 10%, it is **6168329**.

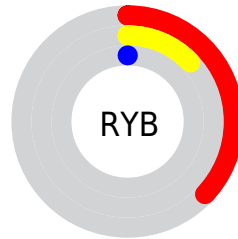
Distribution



Red (37%)

Green (9%)

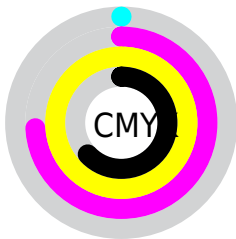
Blue (0%)



Red (37%)

Yellow (13%)

Blue (0%)

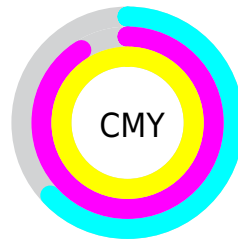


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (63%)



Cyan (63%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6166528 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 6166528 by changing the saturation by 10% instead.

 6166528

 6166528

 16777187

 4325376

 9848879

 2818049

 11755846

 0

 13728350

 15701367

 16756880

 16764075

 16771270

 6166528

■ 6168329

■ 6170131

■ 6171932

■ 6173734

■ 6175535

■ 6177336

■ 6179138

■ 6180939

■ 6182741

Harmonies

Analogous

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



6685475



6166528



4860160

Triad

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



6166528



15647



12399

Complementary

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



6166528



18014

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.



14702



6166528



15936

Square

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



6166528



211456



15709



4464478

Rectangle

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



6166528



3748096



15709



13168

Sweetspot

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



6166528



8019798



6160455



4009255



12434877



4013373

Same Dimension

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



6166528



8003328



6178560



3025449



7216128



15547648

Inverse Universe

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



18014



23418



6238



2698542



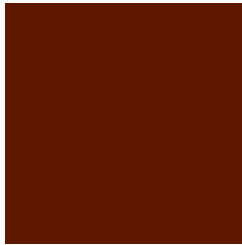
21102



45549

Previews

White Background



This preview shows how the Decimal color 6166528 looks on a white background.

Color Contrast Check

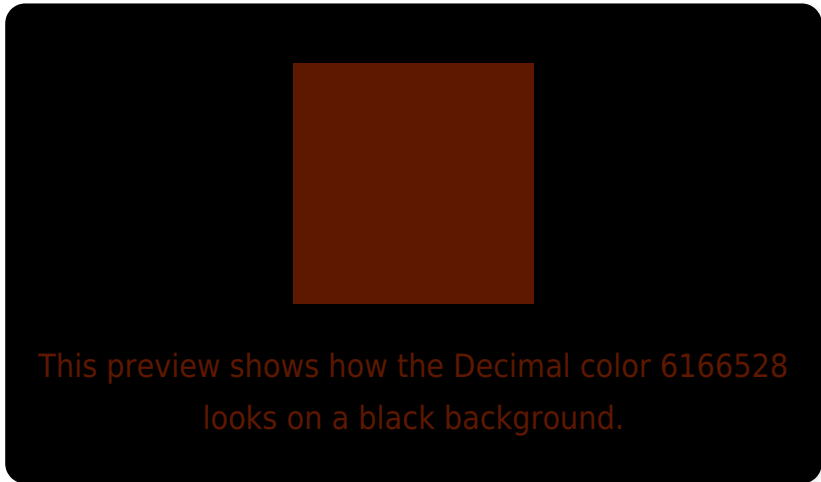
Large Text (above 18pt) WCAG AA ✓ Pass

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

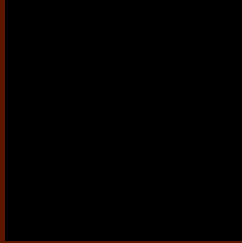
Any Text WCAG AA × Fail

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 6166528 Background



This preview shows how black text looks on a background with the Decimal color 6166528.



This preview shows how white text looks on a background with the Decimal color 6166528.

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
6166528

Protanopia
3748619

Deuteranopia
4206592



Tritanopia
6166039

Trichromacy



Original Color
6166528

Protanomaly
4598023

Deuteranomaly
4925184

Tritanomaly
6166287

Monochromacy



Original Color
6166528

Achromatopsia
2763306

Achromatomaly
4006683

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6166528 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 #5E1800 looks like.

```
.text, #text, p{  
    color:#5E1800  
}
```

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 #5E1800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E1800
}
```

Border

The CSS property to change the border of an element to Decimal 6166528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

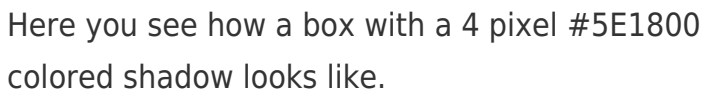
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E1800 }
```

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

```
.border{ border-color:#5E1800 }
```

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



Here you see how a box with a 4 pixel #5E1800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E1800; -webkit-box-shadow:4px 4px  
4px 4px #5E1800; box-shadow:4px 4px 4px  
4px #5E1800 }
```

Background

The CSS property to change the background color of an element to Decimal 6166528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E1800 }
```

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

```
.background{ background-color:#5E1800 }
```

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