

Converting Colors

Decimal(13061632)

Have a look what the booklet for
Decimal(13061632) contains.

Decimal(13061632)	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(13061632)

Conversions

Conversions Part 1

Format	Color
Hex	C74E00
RGB	199, 78, 0
RGB Percent	78%, 31%, 0%
CMY	0.2196, 0.6941, 1.0000
CMYK	0.00, 0.61, 1.00, 0.22
HSL	24°, 100%, 39%
HSV	24°, 100%, 78%
XYZ	26.2776, 17.5909, 2.0104
YIQ	105.2870, 97.1540, 1.3940

Conversions

Conversions Part 2

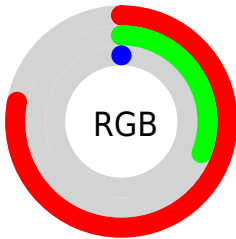
Format	Color
R_{YB}	199, 128, 0
Decimal	13061632
CIE Lab	49.00, 45.57, 59.20
CIE LCh	49, 74.709, 52.412
Yxy	17.5909, 0.5728, 0.3834
Android (android.graphics.Color)	4291251712 (0xFFC74E00)
YUV	105.2870, -51.9065, 82.1863
Hunter-Lab	41.9415, 38.4379, 26.5171

Details

The Decimal color **13061632** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **31175**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **16745276**, and **8984064** is the 20% darker color. If you saturate the color by 10%, you get **13061632**, and if you desaturate by 10%, it is **13064724**.

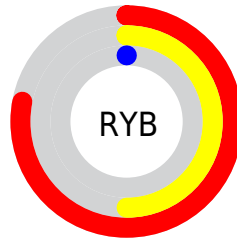
Distribution



Red (78%)

Green (31%)

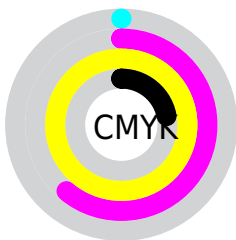
Blue (0%)



Red (78%)

Yellow (50%)

Blue (0%)

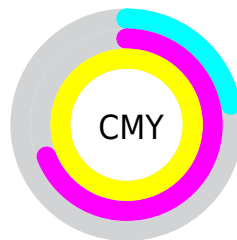


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (22%)



Cyan (22%)


















Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13061632 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 13061632 by changing the saturation by 10% instead.

 13061632	 13061632
 16777211	 11023360
 16745276	 8984064
 16752214	 6946816
 16759408	 5046272
 16766602	 3342338
 16774053	 0
 16777153	
 16777182	
 13061632	

 13064724

 13067816

 13070908

 13074000

 13077348

 13080439

 13083531

 13086623

 13089715

Harmonies

Analogous

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



14624329



13061632



10185728

Triad

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



13061632



36450



4221931

Complementary

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



13061632



31175

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.



33267



13061632



36771

Square

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



13061632



35355



36057



11487427

Rectangle

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



13061632



7698944



36057



29938

Sweetspot

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



13061632



16765107



13041787



8414290



0



8421504

Same Dimension

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



13061632



16737280



13086720



6511962



10698752



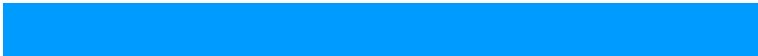
2362880

Inverse Universe

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



31175



39935



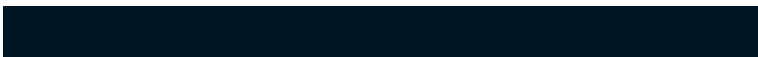
6087



5922915



25507



5668

Previews

White Background



This preview shows how the Decimal color 13061632 looks on a white background.

Color Contrast Check

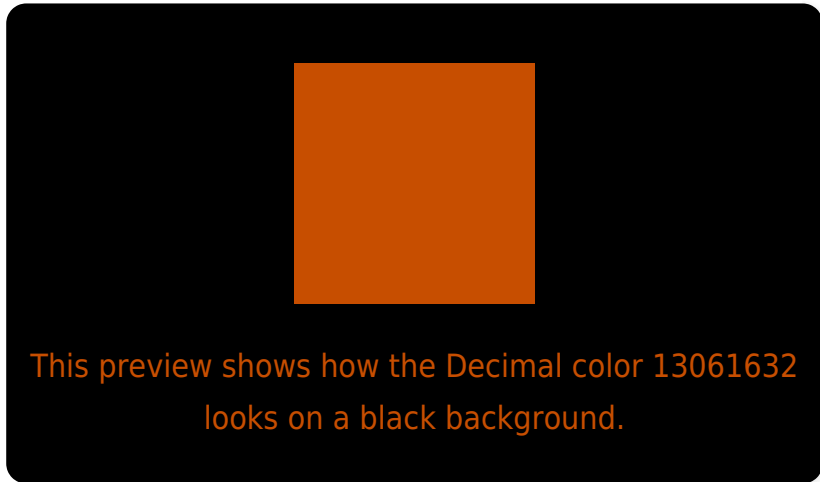
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 13061632 Background



This preview shows how black text looks on a background with the Decimal color 13061632.



This preview shows how white text looks on a background with the Decimal color 13061632.

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
13061632

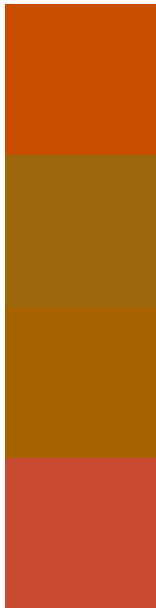
Protanopia
8680724

Deuteranopia
9727744



Tritanopia
13191501

Trichromacy



Original Color
13061632

Protanomaly
10249997

Deuteranomaly
10969856

Tritanomaly
13126449

Monochromacy



Original Color
13061632

Achromatopsia
6908265

Achromatomaly
9133891

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13061632 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 #C74E00 looks like.

```
.text, #text, p{  
  color:#C74E00  
}
```

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 #C74E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C74E00
}
```

Border

The CSS property to change the border of an element to Decimal 13061632 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
#C74E00 }
```

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

```
.border{ border-color:#C74E00 }
```

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

Here you see how a box with a 4 pixel #C74E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C74E00; -webkit-box-shadow:4px 4px  
4px 4px #C74E00; box-shadow:4px 4px 4px  
4px #C74E00 }
```

Background

The CSS property to change the background color of an element to Decimal 13061632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C74E00 }
```

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

```
.background{ background-color:#C74E00 }
```

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