

# Converting Colors

Decimal(12729604)

Have a look what the booklet for  
Decimal(12729604) contains.

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# Color

**Decimal(12729604)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C23D04
RGB	194, 61, 4
RGB Percent	76%, 24%, 2%
CMY	0.2392, 0.7608, 0.9843
CMYK	0.00, 0.69, 0.98, 0.24
HSL	18°, 96%, 39%
HSV	18°, 98%, 76%
XYZ	23.9388, 14.8156, 1.7128
YIQ	94.2690, 97.5650, 10.4690

# Conversions

## Conversions Part 2

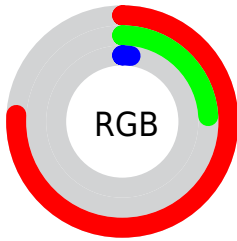
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 85, 4
Decimal	12729604
CIELab	45.38, 51.19, 55.72
CIELCh	45, 75.661, 47.425
Yxy	14.8156, 0.5916, 0.3661
Android (android.graphics.Color)	4290919684 (0xFFC23D04)
YUV	94.2690, -44.5026, 87.4641
Hunter-Lab	38.4910, 43.6556, 24.3053

# Details

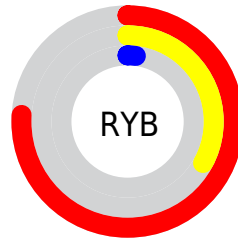
The Decimal color **12729604** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **297410**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **16741179**, and **8585216** is the 20% darker color. If you saturate the color by 10%, you get **12728832**, and if you desaturate by 10%, it is **12733207**.

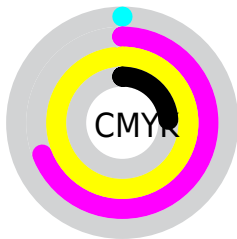
# Distribution



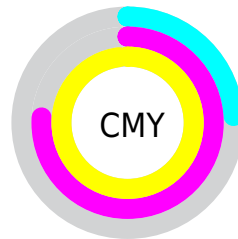
- Red (76%)
- Green (24%)
- Blue (2%)



- Red (76%)
- Yellow (33%)
- Blue (2%)



- Cyan (0%)
- Magenta (69%)
- Yellow (98%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12729604 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 12729604 by changing the saturation by 10% instead.



 12729604

 12729604

 16777208

 10690304

 16741179

 8585216

 16748372

 6619136

 16755566

 4653056

 16762760

 2883585

 16770211

 0

 16777151

 16777179

 12729604

 12729604

■ 12728832

■ 12733207

■ 12736555

■ 12740158

■ 12743506

■ 12747109

■ 12750456

■ 12754060

■ 12757663

■ 12761011

# Harmonies

## Analogous

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



14024778



12729604



10051328

# Triad

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



12729604



33870



26598

# Complementary

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



12729604



297410

# 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.



31720



12729604



34448

# Square

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



12729604



32512



33992



10044610

# Rectangle

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



12729604



7695872



33992



28651



# Sweetspot

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



12729604



16566707



12715145



8413267



0



8421504



# Same Dimension

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



12729604



16534528



12753924



6380119



10563584



2165248

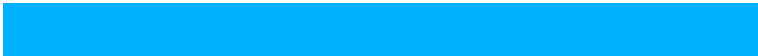


# Inverse Universe

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



297410



45564



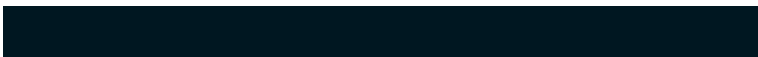
273090



5725793



28833



5921



# Previews

## White Background



This preview shows how the Decimal color 12729604 looks on a white background.

## Color Contrast Check

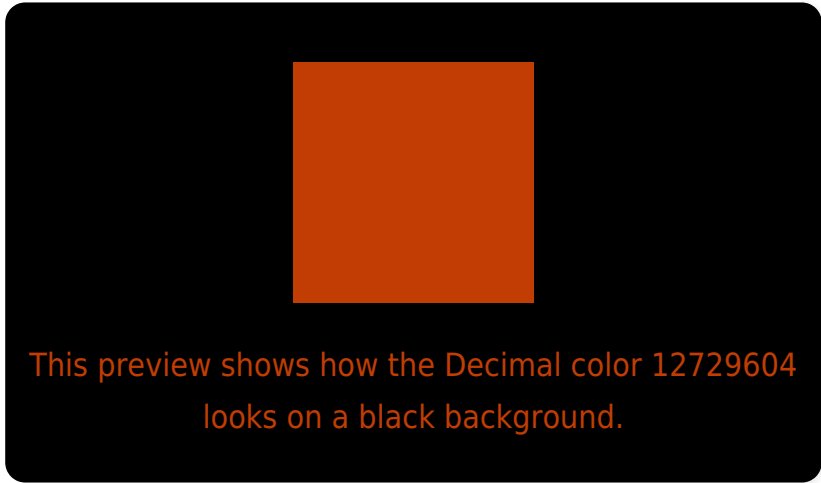
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 12729604 Background



This preview shows how black text looks on a background with the Decimal color 12729604.



This preview shows how white text looks on a background with the Decimal color 12729604.

# 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**  
12729604

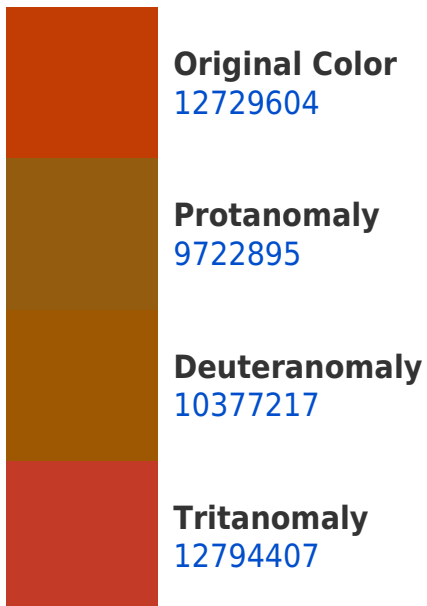
**Protanopia**  
8023317

**Deuteranopia**  
9004800

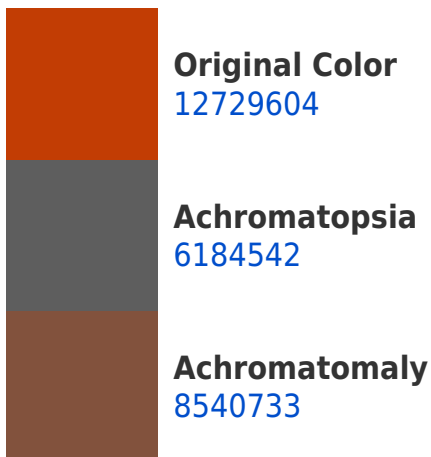


**Tritanopia**  
12794171

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12729604 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 #C23D04 looks like.

```
.text, #text, p{  
  color:#C23D04  
}
```

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 #C23D04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C23D04
}
```

## Border

The CSS property to change the border of an element to Decimal 12729604 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
#C23D04 }
```

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

```
.border{ border-color:#C23D04 }
```

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

Here you see how a box with a 4 pixel #C23D04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C23D04; -webkit-box-shadow:4px 4px  
4px 4px #C23D04; box-shadow:4px 4px 4px  
4px #C23D04 }
```

# Background

The CSS property to change the background color of an element to Decimal 12729604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C23D04 }
```

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

```
.background{ background-color:#C23D04 }
```

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](#).



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