

Converting Colors

Decimal(14040361)

Have a look what the booklet for
Decimal(14040361) contains.

Decimal(14040361)	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(14040361)

Conversions

Conversions Part 1

Format	Color
Hex	D63D29
RGB	214, 61, 41
RGB Percent	84%, 24%, 16%
CMY	0.1608, 0.7608, 0.8392
CMYK	0.00, 0.71, 0.81, 0.16
HSL	7°, 68%, 50%
HSV	7°, 81%, 84%
XYZ	29.8005, 17.7937, 3.9617
YIQ	104.4670, 97.6080, 26.2160

Conversions

Conversions Part 2

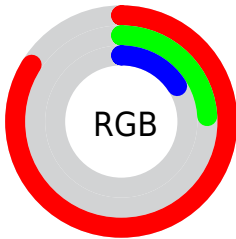
Format	Color
RYB	214, 64, 41
Decimal	14040361
CIELab	49.24, 58.45, 46.22
CIELCh	49, 74.514, 38.335
Yxy	17.7937, 0.5780, 0.3451
Android (android.graphics.Color)	4292230441 (0xFFD63D29)
YUV	104.4670, -31.2892, 96.0604
Hunter-Lab	42.1826, 52.2844, 23.9594

Details

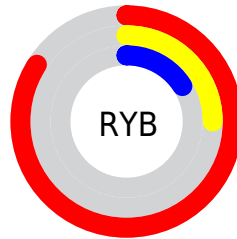
The Decimal color **14040361** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **2736854**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **16741977**, and **9895936** is the 20% darker color. If you saturate the color by 10%, you get **14035476**, and if you desaturate by 10%, it is **14045246**.

Distribution



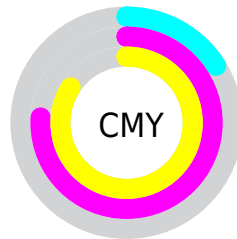
- Red (84%)
- Green (24%)
- Blue (16%)



- Red (84%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (81%)
- Black (16%)




- Cyan (16%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14040361 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 14040361 by changing the saturation by 10% instead.

 14040361  14040361

16777215  11934482

 16741977  9895936

 16749170  7864320

 16756364  5832704

 16763814  3997699

 16771266  1638401

 16777182  0

 16777211

 14040361  14040361

■ 14035476

■ 14045246

■ 14031104

■ 14050132

■ 14055017

■ 14059903

■ 14064788

■ 14069673

■ 14074303

■ 14079188

■ 14084074

Harmonies

Analogous

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



14817894



14040361



11689984

Triad

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



14040361



36163



30964

Complementary

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



14040361



2736854

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.



35051



14040361



36998

Square

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



14040361



3507712



36803



9067225

Rectangle

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



14040361



9531648



36803



32757

Sweetspot

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



14040361



16763330



14035397



8413019



0



8421504

Same Dimension

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



14040361



16720904



14061865



7037536



11211776



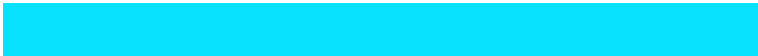
2819328

Inverse Universe

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



2736854



582399



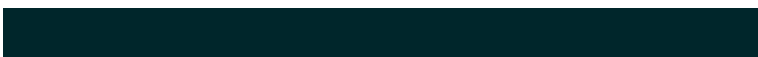
2715350



6318699



38827



9771

Previews

White Background



This preview shows how the Decimal color 14040361 looks on a white background.

Color Contrast Check

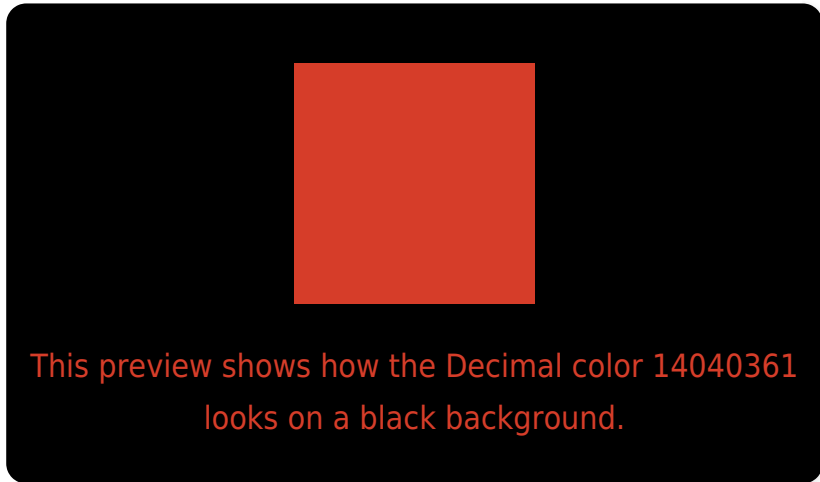
Large Text (above 18pt) WCAG AA ✓ Pass

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 14040361 Background



This preview shows how black text looks on a background with the Decimal color 14040361.



This preview shows how white text looks on a background with the Decimal color 14040361.

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
14040361

Protanopia
8549945

Deuteranopia
9728027



Tritanopia
14105405

Trichromacy



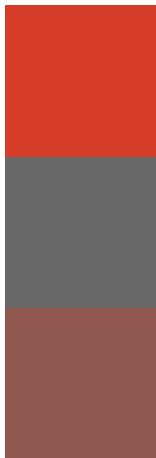
Original Color
14040361

Protanomaly
10576179

Deuteranomaly
11296032

Tritanomaly
14105654

Monochromacy



Original Color
14040361

Achromatopsia
6842472

Achromatomaly
9459793

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14040361 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 #D63D29 looks like.

```
.text, #text, p{  
    color:#D63D29  
}
```

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 #D63D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63D29
}
```

Border

The CSS property to change the border of an element to Decimal 14040361 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".

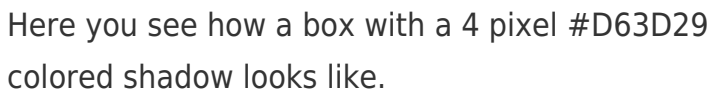
```
.border, #border, table{ border:4px solid
#D63D29 }
```

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

```
.border{ border-color:#D63D29 }
```

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

Here you see how a box with a 4 pixel #D63D29 colored shadow looks like.

A rectangular box with a thick red border and a red shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63D29; -webkit-box-shadow:4px 4px  
4px 4px #D63D29; box-shadow:4px 4px 4px  
4px #D63D29 }
```

Background

The CSS property to change the background color of an element to Decimal 14040361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63D29 }
```

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

```
.background{ background-color:#D63D29 }
```

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