

Converting Colors

Decimal(15025477)

Have a look what the booklet for
Decimal(15025477) contains.

Decimal(15025477)	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(15025477)

Conversions

Conversions Part 1

Format	Color
Hex	E54545
RGB	229, 69, 69
RGB Percent	90%, 27%, 27%
CMY	0.1020, 0.7294, 0.7294
CMYK	0.00, 0.70, 0.70, 0.10
HSL	0°, 75%, 58%
HSV	0°, 70%, 90%
XYZ	35.5154, 21.3439, 7.8781
YIQ	116.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

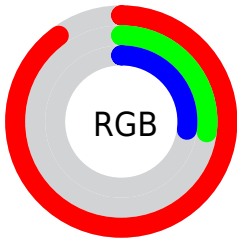
Format	Color
RYB	229, 69, 69
Decimal	15025477
CIELab	53.32, 61.32, 36.18
CIELCh	53, 71.203, 30.543
Yxy	21.3439, 0.5486, 0.3297
Android (android.graphics.Color)	4293215557 (0xFFE54545)
YUV	116.8400, -23.5851, 98.3643
Hunter-Lab	46.1995, 56.3710, 22.2292

Details

The Decimal color **15025477** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4580837**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **16744310**, and **10879001** is the 20% darker color. If you saturate the color by 10%, you get **15019566**, and if you desaturate by 10%, it is **15031388**.

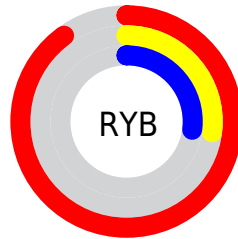
Distribution



Red (90%)

Green (27%)

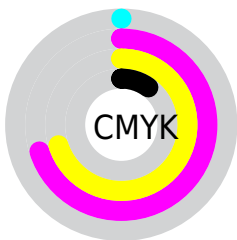
Blue (27%)



Red (90%)

Yellow (27%)

Blue (27%)

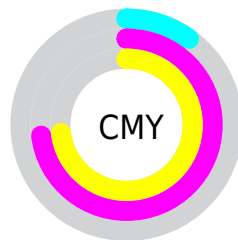


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (10%)



Cyan (10%)

Magenta (73%)

Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 15025477 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 15025477 by changing the saturation by 10% instead.

 15025477  15025477

16777215  12919854

 16744310  10879001

 16751503  8847361

 16758954  6815744

 16766405  4849666

 16773857  2949121

16777214  0

 15025477  15025477

 15019566  15031388

15013655

15037299

15007744

15043210

15049121

15055032

15060686

15066597

15072508

15073279

Harmonies

Analogous

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



15218305



15025477



13132800

Triad

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



15025477



38462



34811

Complementary

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



15025477



4580837

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.



38378



15025477



39551

Square

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



15025477



5999872



39612



8089322

Rectangle

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



15025477



11171328



39612



36345

Sweetspot

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



15025477



16763337



15025637



8413280



0



8421504

Same Dimension

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



15025477



16722217



15045957



7563111



11730944



3342336

Inverse Universe

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



4580837



2752511



4560357



6779763



46003



13107

Previews

White Background



This preview shows how the Decimal color 15025477 looks on a white 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

Black Background



This preview shows how the Decimal color 15025477 looks on a 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 15025477 Background



This preview shows how black text looks on a background with the Decimal color 15025477.



This preview shows how white text looks on a background with the Decimal color 15025477.

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





Tritanopia
15025480

Trichromacy



Original Color
15025477

Protanomaly
11234130

Deuteranomaly
12085055

Tritanomaly
15025479

Monochromacy



Original Color
15025477

Achromatopsia
7697781

Achromatomaly
10380388

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15025477 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 #E54545 looks like.

```
.text, #text, p{  
  color:#E54545  
}
```

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 #E54545 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E54545
}
```

Border

The CSS property to change the border of an element to Decimal 15025477 is called "border". The border property can be set on classes, ids or directly on the HTML element.

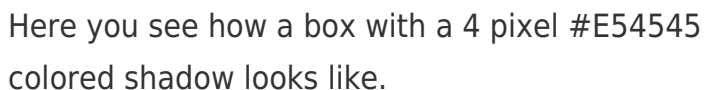
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E54545 }
```

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

```
.border{ border-color:#E54545 }
```

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



Here you see how a box with a 4 pixel #E54545 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E54545; -webkit-box-shadow:4px 4px  
4px 4px #E54545; box-shadow:4px 4px 4px  
4px #E54545 }
```

Background

The CSS property to change the background color of an element to Decimal 15025477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E54545 }
```

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

```
.background{ background-color:#E54545 }
```

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