

Converting Colors

Decimal(15022401)

Have a look what the booklet for
Decimal(15022401) contains.

Decimal(15022401)	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(15022401)

Conversions

Conversions Part 1

Format	Color
Hex	E53941
RGB	229, 57, 65
RGB Percent	90%, 22%, 25%
CMY	0.1020, 0.7765, 0.7451
CMYK	0.00, 0.75, 0.72, 0.10
HSL	357°, 77%, 56%
HSV	357°, 75%, 90%
XYZ	34.7304, 19.9659, 7.0243
YIQ	109.3400, 99.9440, 38.9520

Conversions

Conversions Part 2

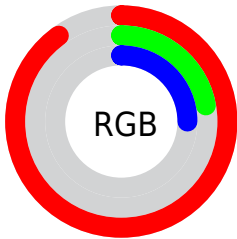
Format	Color
R_{YB}	229, 57, 65
Decimal	15022401
CIE Lab	51.80, 65.22, 36.68
CIE LCh	52, 74.831, 29.353
Yxy	19.9659, 0.5627, 0.3235
Android (android.graphics.Color)	4293212481 (0xFFE53941)
YUV	109.3400, -21.8596, 104.9418
Hunter-Lab	44.6832, 60.5447, 21.9577

Details

The Decimal color **15022401** 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 **3794397**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **16741745**, and **10813462** is the 20% darker color. If you saturate the color by 10%, you get **15016491**, and if you desaturate by 10%, it is **15028311**.

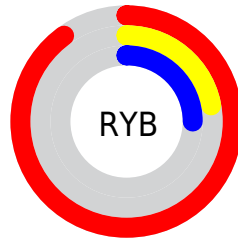
Distribution



Red (90%)

Green (22%)

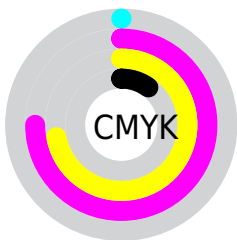
Blue (25%)



Red (90%)

Yellow (22%)

Blue (25%)

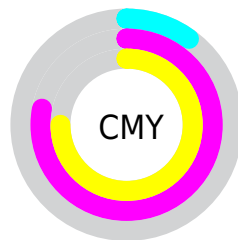


Cyan (0%)

Magenta (75%)

Yellow (72%)

Black (10%)



Cyan (10%)

Magenta (78%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15022401 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 15022401 by changing the saturation by 10% instead.

 15022401  15022401

16777215  12914475

 16741745  10813462


 16749195  8781824

 16756645  6750208

 16764096  4784131

 16771804  2752513

 16777209  0

 15022401  15022401

 15016491  15028311

■ 15010581

■ 15034221

■ 15007755

■ 15040131

■ 15046040

■ 15051950

■ 15057604

■ 15063514

■ 15069424

■ 15073279

Harmonies

Analogous

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



15148672



15022401



13065472

Triad

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



15022401



37684



34045

Complementary

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



15022401



3794397

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.



37610



15022401



38776

Square

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



15022401



5736960



38841



7302125

Rectangle

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



15022401



11038976



38841



35579

Sweetspot

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



15022401



16762055



14432741



8412253



0



8421504

Same Dimension

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



15022401



16718116



15042105



7563112



11730952



3342338

Inverse Universe

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



15022401



16718116



3774693



7563112



11730952



3342338

Previews

White Background



This preview shows how the Decimal color 15022401 looks on a white background.

Color Contrast Check

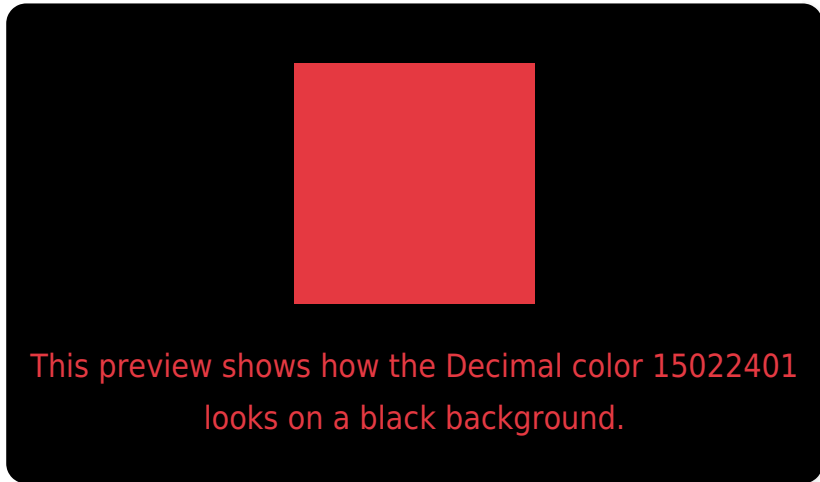
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 15022401 Background



This preview shows how black text looks on a background with the Decimal color 15022401.



This preview shows how white text looks on a background with the Decimal color 15022401.

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
15022401

Protanopia
8813656

Deuteranopia
10122807

Trichromacy



Original Color
15022401

Protanomaly
11101264

Deuteranomaly
11886651

Tritanomaly
15022654

Monochromacy



Original Color
15022401

Achromatopsia
7171437

Achromatomaly
10050141

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15022401 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 #E53941 looks like.

```
.text, #text, p{  
  color:#E53941  
}
```

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 #E53941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E53941
}
```

Border

The CSS property to change the border of an element to Decimal 15022401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

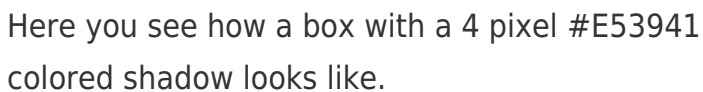
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E53941 }
```

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

```
.border{ border-color:#E53941 }
```

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



Here you see how a box with a 4 pixel #E53941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E53941; -webkit-box-shadow:4px 4px  
4px 4px #E53941; box-shadow:4px 4px 4px  
4px #E53941 }
```

Background

The CSS property to change the background color of an element to Decimal 15022401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E53941 }
```

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

```
.background{ background-color:#E53941 }
```

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