

# Converting Colors

Decimal(13522004)

Have a look what the booklet for  
Decimal(13522004) contains.

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# Color

**Decimal(13522004)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE5454
RGB	206, 84, 84
RGB Percent	81%, 33%, 33%
CMY	0.1922, 0.6706, 0.6706
CMYK	0.00, 0.59, 0.59, 0.19
HSL	0°, 55%, 57%
HSV	0°, 59%, 81%
XYZ	30.2242, 20.1026, 10.6747
YIQ	120.4780, 72.7120, 25.8640

# Conversions

## Conversions Part 2

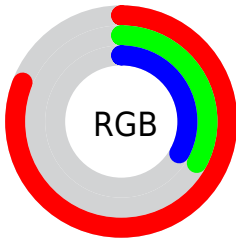
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 84, 84
Decimal	13522004
CIE <sub>Lab</sub>	51.95, 48.38, 24.94
CIE <sub>LCh</sub>	52, 54.428, 27.272
Yxy	20.1026, 0.4955, 0.3295
Android (android.graphics.Color)	4291712084 (0xFFCE5454)
YUV	120.4780, -17.9837, 75.0028
Hunter-Lab	44.8359, 41.8653, 17.2691

# Details

The Decimal color **13522004** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **5557966**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **16747142**, and **9575463** is the 20% darker color. If you saturate the color by 10%, you get **13516607**, and if you desaturate by 10%, it is **13527401**.

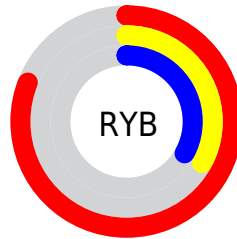
# Distribution



Red (81%)

Green (33%)

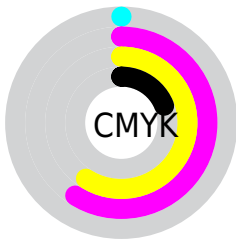
Blue (33%)



Red (81%)

Yellow (33%)

Blue (33%)

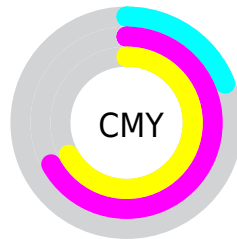


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (19%)



Cyan (19%)

Magenta (67%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13522004 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 13522004 by changing the saturation by 10% instead.



 13522004       13522004

16777215       11548989

 16747142       9575463

 16754080       7667731

 16761531       5767168

 16768726       3932161

 16776435       1769473

 0

 13522004       13522004

 13516607       13527401

 13511467

 13532541

 13506070

 13537938

 13500930

 13543078

 13500416

 13548475

 13553872

 13559012

 13564409

 13565951

# Harmonies

## Analogous

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



13389698



13522004



12215852

# Triad

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



13522004



2330183



33753

# Complementary

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



13522004



5557966

# 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.



36298



13522004



37494

# Square

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



13522004



6981151



37541



7631311

# Rectangle

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



13522004



10777111



37541



34775



# Sweetspot

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



13522004



16765393



13522126



8414051



0



8421504



# Same Dimension

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



13522004



16730698



13537620



6708316



10878976



2490368



# Inverse Universe

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



5557966



4915199



5542350



6055526



42662



9766



# Previews

## White Background



This preview shows how the Decimal color 13522004 looks on a white background.

## Color Contrast Check

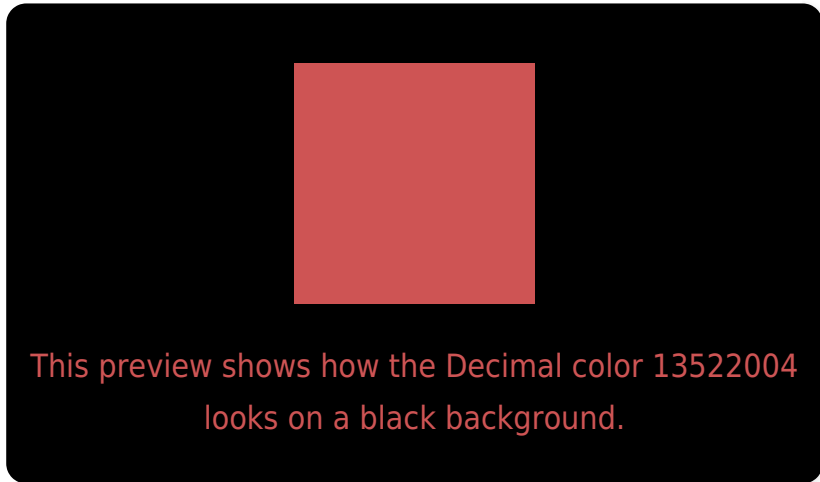
Large Text (above 18pt) WCAG AA ✓ Pass

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 13522004 Background



This preview shows how black text looks on a background with the Decimal color 13522004.



This preview shows how white text looks on a background with the Decimal color 13522004.

# 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**  
13522004

**Protanopia**  
8682597

**Deuteranopia**  
9860942



**Tritanopia**  
13521753

# Trichromacy



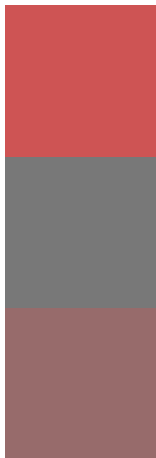
**Original Color**  
13522004

**Protanomaly**  
10448223

**Deuteranomaly**  
11168336

**Tritanomaly**  
13521751

# Monochromacy



**Original Color**  
13522004

**Achromatopsia**  
7895160

**Achromatomaly**  
9923435

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13522004 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 #CE5454 looks like.

```
.text, #text, p{  
  color:#CE5454  
}
```

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 #CE5454 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE5454
}
```

## Border

The CSS property to change the border of an element to Decimal 13522004 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
#CE5454 }
```

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

```
.border{ border-color:#CE5454 }
```

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

Here you see how a box with a 4 pixel #CE5454 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE5454; -webkit-box-shadow:4px 4px  
4px 4px #CE5454; box-shadow:4px 4px 4px  
4px #CE5454 }
```

# Background

The CSS property to change the background color of an element to Decimal 13522004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE5454 }
```

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

```
.background{ background-color:#CE5454 }
```

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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