

# Converting Colors

Hex(C2544E)

Have a look what the booklet for  
Hex(C2544E) contains.

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# Color

Hex(C2544E)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C2544E                     |
| RGB           | 194, 84, 78                |
| RGB Percent   | 76%, 33%, 31%              |
| CMY           | 0.2392, 0.6706, 0.6941     |
| CMYK          | 0.00, 0.57, 0.60, 0.24     |
| HSL           | 3°, 49%, 53%               |
| HSV           | 3°, 60%, 76%               |
| XYZ           | 26.7936, 18.3600, 9.3394   |
| YIQ           | 116.2060, 67.4860, 21.4540 |

# Conversions

## Conversions Part 2

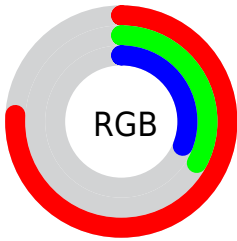
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 194, 84, 78                    |
| Decimal                             | 12735566                       |
| CIE <sub>Lab</sub>                  | 49.93, 43.66, 25.47            |
| CIE <sub>LCh</sub>                  | 50, 50.549, 30.255             |
| Yxy                                 | 18.3600, 0.4917,<br>0.3369     |
| Android<br>(android.graphics.Color) | 4290925646<br>(0xFFC2544E)     |
| YUV                                 | 116.2060, -18.8356,<br>68.2253 |
| Hunter-Lab                          | 42.8486, 36.6325,<br>17.0710   |

# Details

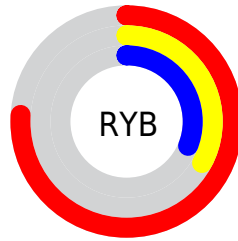
The Hex color **C2544E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4EBCC2**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF897F**, and **871F22** is the 20% darker color. If you saturate the color by 10%, you get **C2423B**, and if you desaturate by 10%, it is **C26661**.

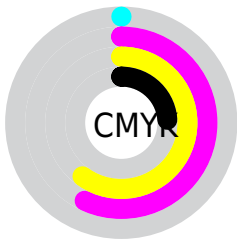
# Distribution



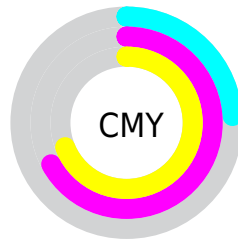
- Red (76%)
- Green (33%)
- Blue (31%)



- Red (76%)
- Yellow (33%)
- Blue (31%)



- Cyan (0%)
- Magenta (57%)
- Yellow (60%)
- Black (24%)



- Cyan (24%)
- Magenta (67%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2544E 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 Hex color C2544E by changing the saturation by 10% instead.



 C2544E

 C2544E

FFFFFF

 A43A37

 FF897F

 871F22

 FFA499

 6A000C

 FFC0B4

 4E0000

 FFDDDD

 340002

 FFFAEC

 010000

 000000

 C2544E

 C2544E

 C2423B

 C26661

 C22F27

 C27975

 C21D14

 C28B88

 C20A00

 C29E9C

 C2B0AF

 C2C2C2

 C2D5D6

 C2E7E9

 C2FAFD

# Harmonies

## Analogous

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



C34E78



C2544E



AE642B

# Triad

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



C2544E



1D884A



007CCD

# Complementary

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



C2544E



4EBCC2

# 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.



0086C1



C2544E



008B76

# Square

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



C2544E



628126



008BA1



776BC1

# Rectangle

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



C2544E



99701A



008BA1



0080CB

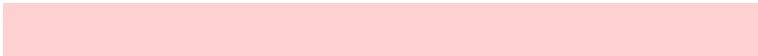


# Sweetspot

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



C2544E



FCD1CF



C24EBC



806563



000000



808080



# Same Dimension

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



C2544E



FC5047



C28E4E



615857



A10800



210200



# Inverse Universe

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



4EBCC2



47F3FC



4E82C2



576061



0098A1



001F21



# Previews

## White Background



This preview shows how the Hex color C2544E looks on a white background.

## Color Contrast Check

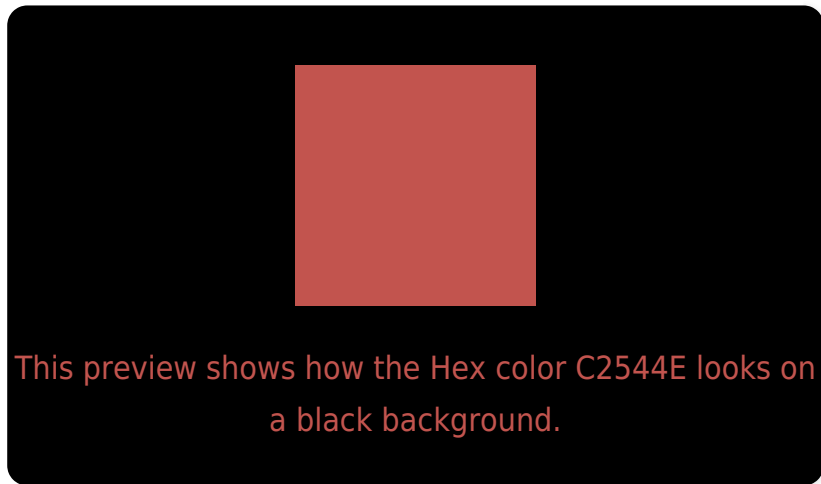
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Hex C2544E Background



This preview shows how black text looks on a background with the Hex color C2544E.



This preview shows how white text looks on a background with the Hex color C2544E.

# 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**  
C2544E

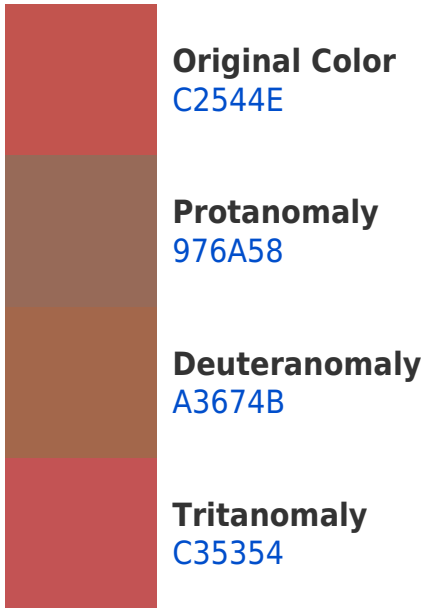
**Protanopia**  
7F775D

**Deuteranopia**  
917249



**Tritanopia**  
C35358

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2544E 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 #C2544E looks like.

```
.text, #text, p{  
    color:#C2544E  
}
```

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 #C2544E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2544E
}
```

## Border

The CSS property to change the border of an element to Hex C2544E is called "border". The border property can be set on classes, ids or directly on the HTML element.

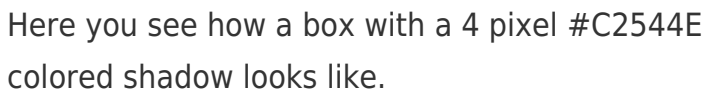
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C2544E }
```

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

```
.border{ border-color:#C2544E }
```

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

A rectangular box with a 4px red shadow. The box is white with a thin red border. The shadow is a solid red color, 4 pixels wide and 4 pixels high, offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #C2544E colored shadow looks like."

Here you see how a box with a 4 pixel #C2544E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2544E; -webkit-box-shadow:4px 4px  
4px 4px #C2544E; box-shadow:4px 4px 4px  
4px #C2544E }
```

# Background

The CSS property to change the background color of an element to Hex C2544E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2544E }
```

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

```
.background{ background-color:#C2544E }
```

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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