

# Converting Colors

Hex(9E2524)

Have a look what the booklet for  
Hex(9E2524) contains.

<b>Hex(9E2524)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9E2524)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E2524
RGB	158, 37, 36
RGB Percent	62%, 15%, 14%
CMY	0.3804, 0.8549, 0.8588
CMYK	0.00, 0.77, 0.77, 0.38
HSL	0°, 63%, 38%
HSV	0°, 77%, 62%
XYZ	15.0806, 8.7196, 2.5573
YIQ	73.0650, 72.4370, 25.3410

# Conversions

## Conversions Part 2

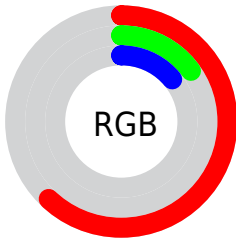
Format	Color
R <sub>Y</sub> B	158, 37, 36
Decimal	10364196
CIE Lab	35.44, 48.97, 31.41
CIE LCh	35, 58.175, 32.681
Yxy	8.7196, 0.5722, 0.3308
Android (android.graphics.Color)	4288554276 (0xFF9E2524)
YUV	73.0650, -18.2730, 74.4880
Hunter-Lab	29.5290, 39.4848, 15.5356

# Details

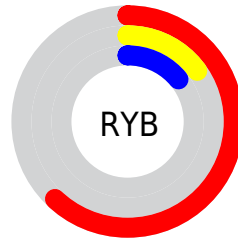
The Hex color **9E2524** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **249D9E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DB5C51**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9E1514**, and if you desaturate by 10%, it is **9E3534**.

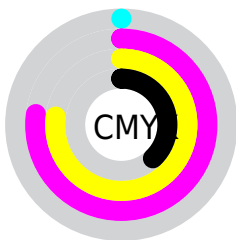
# Distribution



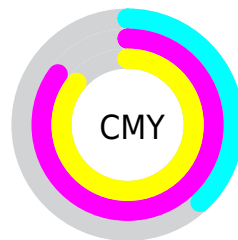
- Red (62%)
- Green (15%)
- Blue (14%)



- Red (62%)
- Yellow (15%)
- Blue (14%)



- Cyan (0%)
- Magenta (77%)
- Yellow (77%)
- Black (38%)



- Cyan (38%)
- Magenta (85%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E2524 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 9E2524 by changing the saturation by 10% instead.



 9E2524

 9E2524

FFFFFF

 80000F

 DB5C51

 630000

 FA776A

 450000

 FF9283

 2A0001

 FFAE9D

 000000

 FFCBB8

 FFE7D4

 FFFFF0

 9E2524

 9E2524

 9E1514

 9E3534

 9E0604

 9E4444

 9E0100

 9E5453

 9E6463

 9E7373

 9E8383

 9E9393

 9EA2A2

 9EB2B2

# Harmonies

## Analogous

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



A21151



9E2524



874000

# Triad

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



9E2524



006425



0058B1

# Complementary

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



9E2524



249D9E

# 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.



0063A6



9E2524



006756

# Square

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



9E2524



325E00



006785



5445A3

# Rectangle

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



9E2524



704D00



006785



005DB1



# Sweetspot

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



9E2524



CF9F9F



9E249E



694C4B



E8E8E8



696969



# Same Dimension

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



9E2524



CF100E



9E6124



4F4747



8F0100



0F0000

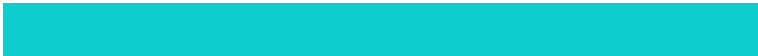


# Inverse Universe

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



249D9E



0ECD9F



24619E



474F4F



008E8F



000F0F



# Previews

## White Background



This preview shows how the Hex color 9E2524 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9E2524 Background



This preview shows how black text looks on a background with the Hex color 9E2524.



This preview shows how white text looks on a background with the Hex color 9E2524.

# 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**  
9E2524

**Protanopia**  
5D5532

**Deuteranopia**  
6A501B



**Tritanopia**  
9E2526

# Trichromacy



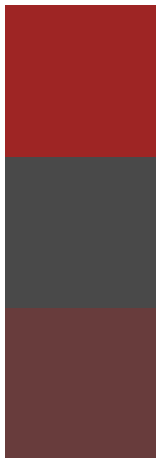
**Original Color**  
9E2524

**Protanomaly**  
75442D

**Deuteranomaly**  
7D401E

**Tritanomaly**  
9E2525

# Monochromacy



**Original Color**  
9E2524

**Achromatopsia**  
494949

**Achromatomaly**  
683C3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E2524 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 #9E2524 looks like.

```
.text, #text, p{  
    color:#9E2524  
}
```

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 #9E2524 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E2524
}
```

## Border

The CSS property to change the border of an element to Hex 9E2524 is called "border". The border property can be set on classes, ids or directly on the HTML element.

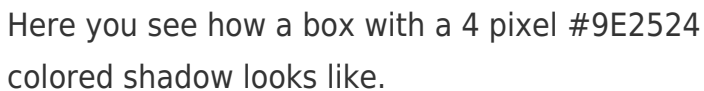
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E2524 }
```

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

```
.border{ border-color:#9E2524 }
```

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



Here you see how a box with a 4 pixel #9E2524 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E2524; -webkit-box-shadow:4px 4px  
4px 4px #9E2524; box-shadow:4px 4px 4px  
4px #9E2524 }
```

# Background

The CSS property to change the background color of an element to Hex 9E2524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E2524 }
```

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

```
.background{ background-color:#9E2524 }
```

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