

Converting Colors

Hex(E25425)

Have a look what the booklet for
Hex(E25425) contains.

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Color

Hex(E25425)

Conversions

Conversions Part 1

Format	Color
Hex	E25425
RGB	226, 84, 37
RGB Percent	89%, 33%, 15%
CMY	0.1137, 0.6706, 0.8549
CMYK	0.00, 0.63, 0.84, 0.11
HSL	15°, 77%, 52%
HSV	15°, 84%, 89%
XYZ	34.8683, 22.6430, 4.2830
YIQ	121.1000, 99.7190, 15.4870

Conversions

Conversions Part 2

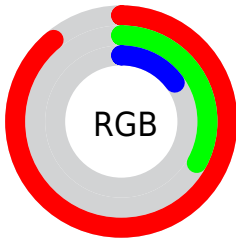
Format	Color
R_{YB}	226, 100, 37
Decimal	14832677
CIE Lab	54.70, 53.18, 53.88
CIE LCh	55, 75.706, 45.376
Yxy	22.6430, 0.5643, 0.3664
Android (android.graphics.Color)	4293022757 (0xFFE25425)
YUV	121.1000, -41.4613, 91.9973
Hunter-Lab	47.5846, 47.5252, 27.9726

Details

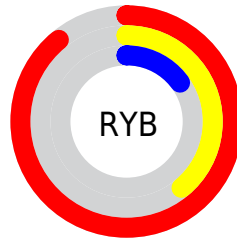
The Hex color **E25425** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **25B3E2**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF8B57**, and **A31800** is the 20% darker color. If you saturate the color by 10%, you get **E2430E**, and if you desaturate by 10%, it is **E2653C**.

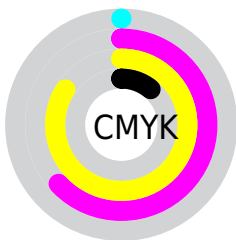
Distribution



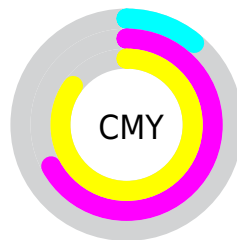
- Red (89%)
- Green (33%)
- Blue (15%)



- Red (89%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (63%)
- Yellow (84%)
- Black (11%)



- Cyan (11%)
- Magenta (67%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color E25425 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 E25425 by changing the saturation by 10% instead.

 E25425

 E25425

FFFFFF

 C23809

 FF8B57

 A31800

 FFA770

 830000

 FFC38A

 650000

 FFE0A5

 470001

 FFFDC1

 2B0001

 FFFFDD

 000000

 FFFFFA

 E25425

 E25425

 E2430E

 E2653C

 E23800

 E27652

 E28769

 E2987F

 E2A996

 E2BAAD

 E2CBC3

 E2DCDA

 E2EDF0

Harmonies

Analogous

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



F43364



E25425



B87400

Triad

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



E25425



009D5F



0080FF

Complementary

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



E25425



25B3E2

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.



0094FF



E25425



00A0A4

Square

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



E25425



269714



009DE0



AE5FE0

Rectangle

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



E25425



948400



009DE0



0088FF

Sweetspot

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



E25425



FFCFBF



E225B6



806359



000000



808080

Same Dimension

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



E25425



FF3F00



E2B025



706865



B02C00



300C00

Inverse Universe

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



25B3E2



00C0FF



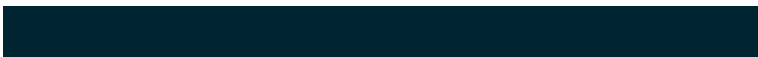
2557E2



656D70



0084B0



002430

Previews

White Background



This preview shows how the Hex color E25425 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 E25425 Background



This preview shows how black text looks on a background with the Hex color E25425.



This preview shows how white text looks on a background with the Hex color E25425.

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
E25425

Protanopia
938431

Deuteranopia
A67D14



Tritanopia
E44F54

Trichromacy



Original Color
E25425

Protanomaly
B0732D

Deuteranomaly
BC6E1A

Tritanomaly
E35143

Monochromacy



Original Color
E25425

Achromatopsia
797979

Achromatomaly
9F6C5A

CSS Examples

Text

The CSS property to change the color of the text to Hex E25425 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 #E25425 looks like.

```
.text, #text, p{  
    color:#E25425  
}
```

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 #E25425 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E25425
}
```

Border

The CSS property to change the border of an element to Hex E25425 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
#E25425 }
```

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

```
.border{ border-color:#E25425 }
```

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

Here you see how a box with a 4 pixel #E25425 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E25425; -webkit-box-shadow:4px 4px  
4px 4px #E25425; box-shadow:4px 4px 4px  
4px #E25425 }
```

Background

The CSS property to change the background color of an element to Hex E25425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E25425 }
```

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

```
.background{ background-color:#E25425 }
```

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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