

Converting Colors

HunterLab(47.6251, 74.4593,
24.9762)

Have a look what the booklet for
HunterLab(47.6251, 74.4593,
24.9762) contains.

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Color

**HunterLab(47.6251, 74.4593,
24.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	FD273E
RGB	253, 39, 62
RGB Percent	99%, 15%, 24%
CMY	0.0078, 0.8470, 0.7569
CMYK	0.00, 0.85, 0.75, 0.01
HSL	354°, 98%, 57%
HSV	354°, 85%, 99%
XYZ	42.1030, 22.6815, 6.7163
YIQ	105.6080, 120.1610, 52.5210

Conversions

Conversions Part 2

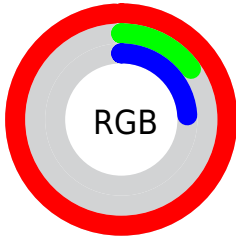
Format	Color
RYB	253, 39, 62
Decimal	16590654
CIELab	54.74, 76.22, 42.95
CIELCh	55, 87.486, 29.401
Yxy	22.6829, 0.5888, 0.3172
Android (android.graphics.Color)	4294780734 (0xFFFD273E)
YUV	105.6080, -21.4987, 129.2628
Hunter-Lab	47.6251, 74.4593, 24.9762

Details

The HunterLab color **47.6251, 74.4593, 24.9762** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **87.4050, -50.3399, 2.1838**, and the grayscale version is **37.8671, -2.0205, 2.0574**.

A 20% lighter version of the original color is **57.7261, 52.1140, 21.3314**, and **32.5758, 55.9313, 19.9309** is the 20% darker color. If you saturate the color by 10%, you get **46.1936, 77.7247, 27.3145**, and if you desaturate by 10%, it is **50.2346, 68.3740, 22.1098**.

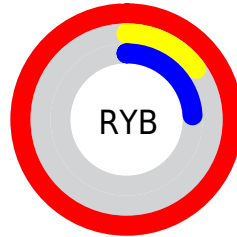
Distribution



Red (99%)

Green (15%)

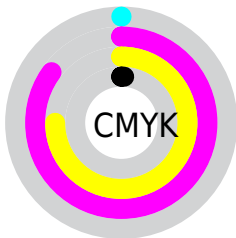
Blue (24%)



Red (99%)

Yellow (15%)

Blue (24%)

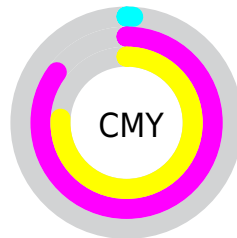


Cyan (0%)

Magenta (85%)

Yellow (75%)

Black (1%)



Cyan (1%)


Magenta (85%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 47.6251, 74.4593, 24.9762 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 HunterLab color 47.6251, 74.4593, 24.9762 by changing the saturation by 10% instead.


 47.6251, 74.4593,
24.9762


 47.6251, 74.4593,
24.9762


163.1233, 93.0362,
50.6418


 37.8940, 72.0513,
21.5037


 69.1897, 79.1684,
31.3767


 28.9330, 69.7300,
17.7884


 80.9363, 81.4162,
34.3701


 20.8167, 67.7140,
14.5717

 93.2813, 83.5757,
37.2585

 13.6445, 66.5925,
9.5512

 106.1971, 85.6442,
40.0599

 7.2472, 72.4201,
5.0730

 119.6594, 87.6221,
42.7886

0.0000, INF, NaN

0.0000, INF, NaN

 133.6469, 89.5114,

45.4558

0.0000, NaN, NaN

148.1406, 91.3150,
48.0710

0.0000, NaN, NaN

■ 47.6251, 74.4593,
24.9762

■ 47.6251, 74.4593,
24.9762

■ 46.1936, 77.7247,
27.3145

■ 50.2346, 68.3740,
22.1098

■ 45.7847, 78.5823,
28.2321

■ 54.0338, 60.0270,
19.0327

■ 58.9335, 50.2537,
16.0358

■ 64.7935, 39.8209,
13.3088

■ 71.4660, 29.2598,
10.9374

78.8170, 18.8704,
8.9345

86.7347, 8.7885,
7.2748

95.1288, -0.9470,
5.9171

99.8111, -5.9935,
5.1991

Harmonies

Analogous

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



47.6266, 88.8599, 1.8953



47.6251, 74.4593, 24.9762



47.6266, 38.2802, 31.6164

Triad

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



47.6266, 74.4537, 24.9771



47.6266, -48.8407, 25.4701



47.6266, -3.2690, -122.3550

Complementary

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



47.6251, 74.4593, 24.9762



87.4050, -50.3399, 2.1838

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.



47.6266, -33.0273, -96.7469



47.6251, 74.4593, 24.9762



47.6266, -54.0445, 3.2792

Square

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



47.6266, 74.4537, 24.9771



47.6266, -32.1030, 31.7157



47.6266, -49.2515, -42.6646



47.6266, 36.6330, -98.5653

Rectangle

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



47.6251, 74.4593, 24.9762



47.6266, 10.9357, 32.6081



47.6266, -49.2515, -42.6646



47.6266, -14.6731, -119.0604

Sweetspot

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



47.6266, 74.4537, 24.9771



79.1911, 19.4901, 9.0953



50.0442, 92.4129, -77.6418



35.4028, 10.7095, 4.5199

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.6266, 74.4537, 24.9771



46.1962, 79.2876, 28.4932



58.9199, 41.4523, 35.0982



42.4485, 1.7795, 3.0585



33.4085, 57.3700, 20.3710



10.4720, 18.0769, 5.6563

Inverse Universe

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



47.6266, 74.4537, 24.9771



46.1962, 79.2876, 28.4932



60.5311, -8.2460, -53.8680



42.4485, 1.7795, 3.0585



33.4085, 57.3700, 20.3710



10.4720, 18.0769, 5.6563

Previews

White Background



This preview shows how the HunterLab color 47.6251, 74.4593, 24.9762 looks on a white background.

Color Contrast Check

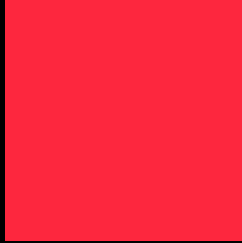
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.6251, 74.4593, 24.9762 looks on a 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](#).

HunterLab 47.6251, 74.4593, 24.9762 Background



This preview shows how black text looks on a background with the HunterLab color 47.6251, 74.4593, 24.9762.



This preview shows how white text looks on a background with the HunterLab color 47.6251, 74.4593, 24.9762.

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

47.6251, 74.4593, 24.9762

Protanopia

47.6671, -4.3400, 17.2649

Deuteranopia

47.7212, 3.1807, 25.9871



Tritanopia

47.7184, 72.7494, 28.0709

Trichromacy



Original Color

47.6251, 74.4593, 24.9762

Protanomaly

43.8858, 25.3196, 17.2321

Deuteranomaly

44.7194, 31.1508, 23.6356

Tritanomaly

47.7078, 73.2453, 27.0684

Monochromacy



Original Color

47.6251, 74.4593, 24.9762

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.6081, 25.1292, 8.3644

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6251, 74.4593, 24.9762 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 `rgb(253, 39, 62)` looks like.

```
.text, #text, p{  
    color:rgb(253, 39, 62)  
}
```

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 rgb(253, 39, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 39, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6251, 74.4593, 24.9762 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 rgb(253, 39, 62) }
```


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

```
.border{ border-color:rgb(253, 39, 62) }
```

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

Here you see how a box with a 4 pixel rgb(253, 39, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 39, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 39, 62);  
box-shadow:4px 4px 4px 4px rgb(253, 39,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6251, 74.4593, 24.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 39, 62) }
```

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

```
.background{ background-color: rgb(253, 39,  
62) }
```

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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