

Converting Colors

HunterLab(47.2175, 78.1107,
24.1898)

Have a look what the booklet for
HunterLab(47.2175, 78.1107,
24.1898) contains.

HunterLab(47.2175, 78.1140, 24.1830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.2175, 78.1140,
24.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1841
RGB	255, 24, 65
RGB Percent	100%, 9%, 25%
CMY	0.0000, 0.9057, 0.7451
CMYK	0.00, 0.91, 0.75, 0.00
HSL	349°, 100%, 55%
HSV	349°, 91%, 100%
XYZ	42.5208, 22.2949, 7.0633
YIQ	97.7430, 124.5150, 61.7230

Conversions

Conversions Part 2

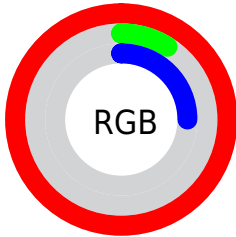
Format	Color
R_{YB}	255, 24, 65
Decimal	16717889
CIE _{Lab}	54.34, 79.22, 40.91
CIE _{LCh}	54, 89.159, 27.315
Yxy	22.2963, 0.5915, 0.3102
Android (android.graphics.Color)	4294907969 (0xFFFF1841)
YUV	97.7430, -16.1423, 137.9144
Hunter-Lab	47.2175, 78.1140, 24.1830

Details

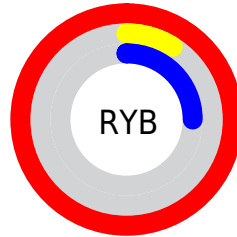
The HunterLab color **47.2175, 78.1140, 24.1830** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **87.5049, -54.6488, 9.8417**, and the grayscale version is **34.8854, -1.8614, 1.8954**.

A 20% lighter version of the original color is **56.7034, 55.2422, 19.5720**, and **32.9799, 56.6547, 19.9493** is the 20% darker color. If you saturate the color by 10%, you get **46.3153, 79.7292, 26.7276**, and if you desaturate by 10%, it is **49.1663, 73.8460, 20.9775**.

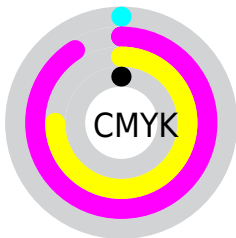
Distribution



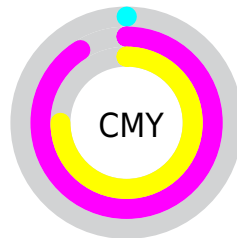
- Red (100%)
- Green (9%)
- Blue (25%)



- Red (100%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (91%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.2175, 78.1140, 24.1830 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 47.2175, 78.1140, 24.1830 by changing the saturation by 10% instead.

■ 47.2175, 78.1140,
24.1830

■ 47.2175, 78.1140,
24.1830

162.5084, 97.4094,
48.8715

■ 37.5164, 75.6688,
20.8521

■ 68.7279, 82.9521,
30.3245

■ 28.5879, 73.3497,
17.2856

■ 80.4497, 85.2780,
33.1993

■ 20.5077, 71.4139,
14.1428

■ 92.7711, 87.5197,
35.9756

■ 13.3763, 70.5522,
9.3634

■ 105.6642, 89.6729,
38.6704

■ 6.9316, 78.8874,
4.8521

■ 119.1049, 91.7366,
41.2975

0.0000, INF, NaN

0.0000, INF, NaN

■ 133.0716, 93.7123,

43.8678

0.0000, NaN, NaN

147.5451, 95.6023,
46.3900

0.0000, NaN, NaN

■ 47.2175, 78.1140,
24.1830

■ 47.2175, 78.1140,
24.1830

■ 46.3153, 79.7292,
26.7276

■ 49.1663, 73.8460,
20.9775

■ 52.3045, 66.8501,
17.6465

■ 56.5989, 57.8220,
14.5195

■ 61.9339, 47.6036,
11.8130

■ 68.1647, 36.8830,
9.6184

■ 75.1494, 26.1070,
7.9374

■ 82.7640, 15.5166,
6.7244

■ 90.9064, 5.2152,
5.9165

99.4949, -4.7722,
5.4507

Harmonies

Analogous

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



47.2190, 90.8436, -0.6888



47.2175, 78.1140, 24.1830



47.2190, 42.0254, 31.3642

Triad

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



47.2190, 78.1082, 24.1839



47.2190, -48.4979, 26.3700



47.2190, -5.7873, -125.9777

Complementary

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



47.2175, 78.1140, 24.1830



87.5049, -54.6488, 9.8417

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.



47.2190, -34.9478, -96.2493



47.2175, 78.1140, 24.1830



47.2190, -54.4121, 5.6124

Square

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



47.2190, 78.1082, 24.1839



47.2190, -30.7740, 31.7819



47.2190, -50.3384, -39.8593



47.2190, 34.4828, -104.6786

Rectangle

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



47.2175, 78.1140, 24.1830



47.2190, 14.0212, 32.4645



47.2190, -50.3384, -39.8593



47.2190, -17.0609, -121.3101

Sweetspot

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



47.2190, 78.1082, 24.1839



77.8042, 22.2936, 7.4534



46.8717, 92.0820, -89.1784



34.8216, 11.9995, 3.6617

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



47.2190, 78.1082, 24.1839



46.3155, 79.7295, 26.7277



54.6880, 53.4460, 33.6951



42.4731, 1.9119, 2.7072



33.5020, 57.7165, 18.9866



10.5191, 18.2507, 4.9638

Inverse Universe

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



47.2190, 78.1082, 24.1839



46.3155, 79.7295, 26.7277



63.8856, -13.6530, -48.6745



42.4731, 1.9119, 2.7072



33.5020, 57.7165, 18.9866



10.5191, 18.2507, 4.9638

Previews

White Background



This preview shows how the HunterLab color 47.2175, 78.1140, 24.1830 looks on a white background.

Color Contrast Check

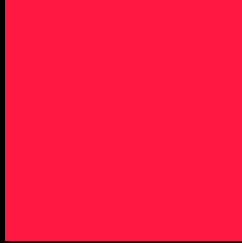
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2175, 78.1140, 24.1830 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 47.2175, 78.1140, 24.1830 Background



This preview shows how black text looks on a background with the HunterLab color 47.2175, 78.1140, 24.1830.



This preview shows how white text looks on a background with the HunterLab color 47.2175, 78.1140,

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

47.2175, 78.1140, 24.1830

Protanopia

47.3130, -3.9129, 15.2179

Deuteranopia

47.3718, 3.4237, 25.3303



Tritanopia

47.2267, 74.8391, 28.9517

Trichromacy



Original Color

47.2175, 78.1140, 24.1830

Protanomaly

42.5243, 29.1466, 14.7308

Deuteranomaly

43.5898, 34.1535, 22.3688

Tritanomaly

47.0814, 75.9147, 27.5818

Monochromacy



Original Color

47.2175, 78.1140, 24.1830

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.8524, 28.3827, 6.9955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.2175, 78.1140, 24.1830 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(255, 24, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 65)  
}
```

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(255, 24, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 47.2175, 78.1140, 24.1830 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(255, 24, 65) }
```


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

```
.border{ border-color:rgb(255, 24, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 24, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.2175, 78.1140, 24.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 65) }
```

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

```
.background{ background-color: rgb(255, 24,  
65) }
```

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