

Converting Colors

HunterLab(39.1961, 45.8631,
13.3440)

Have a look what the booklet for
HunterLab(39.1961, 45.8631,
13.3440) contains.

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Color

**HunterLab(39.1942, 46.0080,
13.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	C13E50
RGB	193, 62, 80
RGB Percent	76%, 24%, 31%
CMY	0.2431, 0.7568, 0.6863
CMYK	0.00, 0.68, 0.59, 0.24
HSL	352°, 51%, 50%
HSV	352°, 68%, 76%
XYZ	25.1629, 15.3619, 9.2283
YIQ	103.2210, 72.2980, 33.3700

Conversions

Conversions Part 2

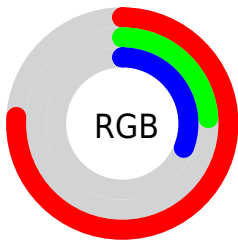
Format	Color
R_{YB}	193, 62, 80
Decimal	12664400
CIE Lab	46.13, 53.27, 19.26
CIE LCh	46, 56.642, 19.882
Yxy	15.3627, 0.5057, 0.3088
Android (android.graphics.Color)	4290854480 (0xFFC13E50)
YUV	103.2210, -11.4480, 78.7362
Hunter-Lab	39.1942, 46.0080, 13.4761

Details

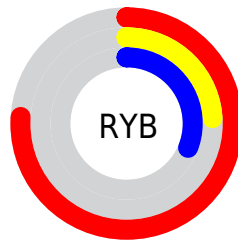
The HunterLab color **39.1942, 46.0080, 13.4761** is a dark color, and the websafe version is hex **990033**. The color can be described as dark muted red. A complement of this color would be **65.0073, -34.6947, 2.4559**, and the grayscale version is **36.9360, -1.9708, 2.0068**.

A 20% lighter version of the original color is **59.4797, 49.5532, 16.8160**, and **22.6140, 39.2904, 10.2465** is the 20% darker color. If you saturate the color by 10%, you get **36.6153, 51.7170, 15.7692**, and if you desaturate by 10%, it is **42.5731, 39.1171, 11.2873**.

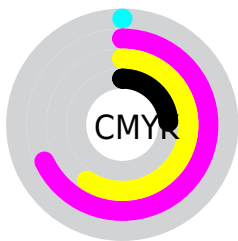
Distribution



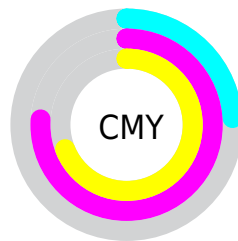
- Red (76%)
- Green (24%)
- Blue (31%)



- Red (76%)
- Yellow (24%)
- Blue (31%)



- Cyan (0%)
- Magenta (68%)
- Yellow (59%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.1942, 46.0080, 13.4761 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 39.1942, 46.0080, 13.4761 by changing the saturation by 10% instead.

■ 39.1942, 46.0080,
13.4761

■ 39.1942, 46.0080,
13.4761

150.1837, 59.2535,
28.0060

■ 30.1237, 44.0369,
11.6554

■ 59.5720, 49.6514,
16.8997

■ 21.8854, 42.0296,
9.7147

■ 70.7773, 51.3130,
18.5416

■ 14.5754, 40.1404,
7.7734

■ 82.6084, 52.8690,
20.1542

■ 8.2359, 39.7089,
5.7651

■ 95.0339, 54.3247,
21.7457

0.0000, INF, NaN

0.0000, NaN, NaN

■ 108.0266, 55.6855,
23.3223

0.0000, NaN, NaN

121.5628, 56.9571,

0.0000, NaN, NaN

24.8890

0.0000, NaN, NaN

135.6214, 58.1448,
26.4492

■ 39.1942, 46.0080,
13.4761

■ 39.1942, 46.0080,
13.4761

■ 36.6153, 51.7170,
15.7692

■ 42.5731, 39.1171,
11.2873

■ 34.8846, 55.6874,
17.9532

■ 46.6560, 31.6185,
9.3373

■ 33.9420, 57.7283,
19.7737

■ 51.3406, 23.9260,
7.6869

■ 33.7850, 58.0854,
20.0672

■ 56.5304, 16.2917,
6.3415

■ 62.1433, 8.8414,
5.2777

■ 68.1123, 1.6215,
4.4607

■ 74.3836, -5.3648,
3.8545

■ 80.9149, -12.1355,
3.4261

■ 87.6724, -18.7169,
3.1471

Harmonies

Analogous

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



39.1953, 48.6973, -5.5936



39.1942, 46.0080, 13.4761



39.1953, 28.9708, 22.0900

Triad

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



39.1953, 46.0045, 13.4769



39.1953, -29.4240, 20.1864



39.1953, -9.2343, -61.5234

Complementary

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



39.1942, 46.0080, 13.4761



65.0073, -34.6947, 2.4559

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.



39.1953, -25.7460, -42.6489



39.1942, 46.0080, 13.4761



39.1953, -35.5844, 8.5504

Square

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



39.1953, 46.0045, 13.4769



39.1953, -15.4364, 24.2218



39.1953, -34.4053, -14.1198



39.1953, 13.3140, -57.4971

Rectangle

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



39.1942, 46.0080, 13.4761



39.1953, 13.5018, 24.2075



39.1953, -34.4053, -14.1198



39.1953, -15.5769, -57.3704

Sweetspot

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



39.1953, 46.0045, 13.4769



81.2844, 14.2399, 7.3784



40.2749, 56.5409, -48.4647



36.6554, 7.8996, 3.5988



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



39.1953, 46.0045, 13.4769



47.8426, 71.8729, 22.4260



47.3074, 23.6510, 23.8514



31.7804, 1.2716, 2.1608



27.5662, 47.4190, 16.1765



5.7948, 10.0959, 2.4096

Inverse Universe

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



39.1953, 46.0045, 13.4769



47.8426, 71.8729, 22.4260



50.7834, -11.2959, -27.8081



31.7804, 1.2716, 2.1608



27.5662, 47.4190, 16.1765



5.7948, 10.0959, 2.4096

Previews

White Background



This preview shows how the HunterLab color 39.1942, 46.0080, 13.4761 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 × Fail

Black Background



This preview shows how the HunterLab color 39.1942, 46.0080, 13.4761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

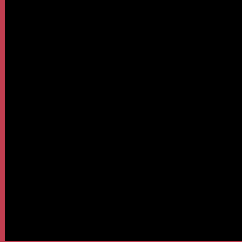
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.1942, 46.0080, 13.4761 Background



This preview shows how black text looks on a background with the HunterLab color 39.1942, 46.0080, 13.4761.



This preview shows how white text looks on a background with the HunterLab color 39.1942, 46.0080,

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

39.1942, 46.0080, 13.4761

Protanopia

39.6088, -2.1060, 5.5534

Deuteranopia

39.3740, 2.7392, 14.5545



Tritanopia

39.1032, 43.9330, 16.5722

Trichromacy



Original Color

39.1942, 46.0080, 13.4761

Protanomaly

38.0480, 14.4017, 7.1953

Deuteranomaly

38.1269, 18.5011, 13.1847

Tritanomaly

39.0248, 44.6181, 15.5134

Monochromacy



Original Color

39.1942, 46.0080, 13.4761

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.1108, 14.4556, 4.7285

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.1942, 46.0080, 13.4761 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(193, 62, 80)` looks like.

```
.text, #text, p{  
    color:rgb(193, 62, 80)  
}
```

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(193, 62, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 62, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 39.1942, 46.0080, 13.4761 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(193, 62, 80) }
```


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

```
.border{ border-color:rgb(193, 62, 80) }
```

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

Here you see how a box with a 4 pixel rgb(193, 62, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 62, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 62, 80);  
box-shadow:4px 4px 4px 4px rgb(193, 62,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.1942, 46.0080, 13.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 62, 80) }
```

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

```
.background{ background-color: rgb(193, 62,  
80) }
```

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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