

Converting Colors

HunterLab(15.6585, 1.5203,
-49.6201)

Have a look what the booklet for
HunterLab(15.6585, 1.5203,
-49.6201) contains.

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Color

**HunterLab(17.9591, 8.3004,
-40.3654)**

Conversions

Conversions Part 1

Format	Color
Hex	002F71
RGB	0, 47, 113
RGB Percent	0%, 18%, 44%
CMY	0.9999, 0.8157, 0.5569
CMYK	1.00, 0.58, 0.00, 0.56
HSL	215°, 100%, 22%
HSV	215°, 100%, 44%
XYZ	3.9972, 3.2253, 16.0347
YIQ	40.4710, -49.1980, 10.5620

Conversions

Conversions Part 2

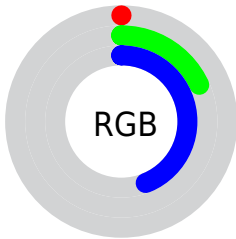
Format	Color
RYB	0, 33, 113
Decimal	12145
CIELab	20.92, 14.72, -41.95
CIELCh	21, 44.461, 289.335
Yxy	3.2254, 0.1719, 0.1387
Android (android.graphics.Color)	4278202225 (0xFF002F71)
YUV	40.4710, 35.7568, -35.4931
Hunter-Lab	17.9591, 8.3004, -40.3654

Details

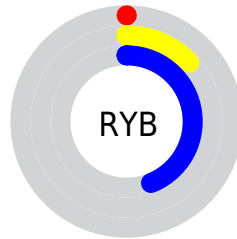
The HunterLab color **17.9591, 8.3004, -40.3654** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.2191, 9.8085, 16.9432**, and the grayscale version is **14.6198, -0.7801, 0.7943**.

A 20% lighter version of the original color is **34.3296, 9.5073, -40.9868**, and **6.0841, 16.5032, -43.2303** is the 20% darker color. If you saturate the color by 10%, you get **17.9574, 8.3042, -40.3716**, and if you desaturate by 10%, it is **19.6644, 5.7409, -34.8869**.

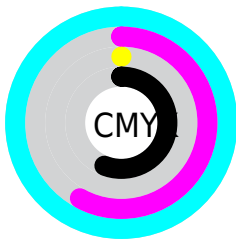
Distribution



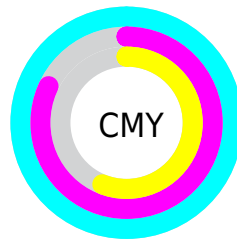
- Red (0%)
- Green (18%)
- Blue (44%)



- Red (0%)
- Yellow (13%)
- Blue (44%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (82%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9591, 8.3004, -40.3654 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 17.9591, 8.3004, -40.3654 by changing the saturation by 10% instead.

■ 17.9591, 8.3004,
-40.3654

■ 17.9591, 8.3004,
-40.3654

■ 114.4544, 9.9870,
-44.9324

■ 11.1826, 7.5765,
-41.9801

■ 34.3768, 9.3035,
-40.4857

■ 3.1997, 19.8766,
-88.5365

■ 43.8221, 9.6321,
-41.0510

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.0023, 9.8682,
-41.7111

0.0000, NaN, NaN

■ 64.8677, 10.0233,
-42.3991

0.0000, NaN, NaN

■ 76.3775, 10.1064,
-43.0803

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.4974, 10.1244,

-43.7358

0.0000, NaN, NaN

101.1982, 10.0831,
-44.3550

17.9591, 8.3004,
-40.3654

17.9591, 8.3004,
-40.3654

17.9574, 8.3042,
-40.3716

19.6644, 5.7409,
-34.8869

21.5006, 3.4830,
-29.7721

23.4983, 1.6671,
-24.9103

25.6383, 0.2577,
-20.3261

27.9030, -0.7919,
-16.0166

■ 30.2772, -1.5298,
-11.9635

■ 32.7479, -2.0004,
-8.1412

■ 35.3043, -2.2424,
-4.5220

■ 37.9375, -2.2890,
-1.0792

Harmonies

Analogous

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



17.9593, -5.4447, -43.0241



17.9591, 8.3004, -40.3654



17.9593, 22.8039, -23.1469

Triad

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



17.9593, 8.3012, -40.3649



17.9593, 18.8928, 12.0286



17.9593, -19.7946, 4.9169

Complementary

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



17.9591, 8.3004, -40.3654



27.2191, 9.8085, 16.9432

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.



17.9593, -16.5139, 10.9316



17.9591, 8.3004, -40.3654



17.9593, 4.0149, 12.5715

Square

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



17.9593, 8.3012, -40.3649



17.9593, 30.0446, 7.3037



17.9593, -8.6558, 12.5715



17.9593, -19.2607, -9.0678

Rectangle

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



17.9591, 8.3004, -40.3654



17.9593, 29.7215, -9.8808



17.9593, -8.6558, 12.5715



17.9593, -19.1505, 7.6106

Sweetspot

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



17.9593, 8.3012, -40.3649



43.5483, -2.6376, -11.2999



34.9326, -25.9436, 12.3433



20.4265, -1.1843, -6.2132



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



17.9593, 8.3012, -40.3649



23.5089, 12.2620, -55.8542



11.1955, 29.8153, -75.3165



18.7276, -1.1197, -0.3653



19.0264, 9.0610, -43.3415



40.5096, 24.6347, -103.8127

Inverse Universe

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



19.2776, 34.0743, 4.2041



25.7468, 45.4220, 6.3284



38.3779, -13.3662, 23.4137



18.4997, 0.7855, 0.6868



20.5214, 36.2590, 4.6135



45.6228, 80.2707, 12.8887

Previews

White Background



This preview shows how the HunterLab color 17.9591, 8.3004, -40.3654 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



This preview shows how the HunterLab color 17.9591, 8.3004, -40.3654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

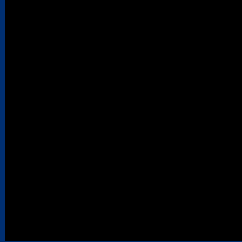
Any Text WCAG AA × Fail

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](#).

HunterLab 17.9591, 8.3004, -40.3654 Background



This preview shows how black text looks on a background with the HunterLab color 17.9591, 8.3004, -40.3654.



This preview shows how white text looks on a background with the HunterLab color 17.9591, 8.3004, -40.3654.

-40.3654.

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

17.9591, 8.3004, -40.3654

Protanopia

17.9347, 4.9230, -33.0442

Deuteranopia

18.1229, -0.9990, -20.4955



Tritanopia

18.0347, -9.0067, -3.0990

Trichromacy



Original Color

17.9591, 8.3004, -40.3654

Protanomaly

17.8791, 6.2877, -35.9206

Deuteranomaly

18.0264, 2.0067, -26.8633

Tritanomaly

17.6372, -3.6975, -14.0632

Monochromacy



Original Color

17.9591, 8.3004, -40.3654

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.2960, -0.1855, -11.1612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9591, 8.3004, -40.3654 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(0, 47, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 113)  
}
```

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(0, 47, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9591, 8.3004, -40.3654 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(0, 47, 113) }
```


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

```
.border{ border-color:rgb(0, 47, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 47, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 47, 113)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.9591, 8.3004, -40.3654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 113) }
```

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

```
.background{ background-color: rgb(0, 47,  
113) }
```

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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