

Converting Colors

HunterLab(40.0952, -22.5911,
-11.7112)

Have a look what the booklet for
HunterLab(40.0952, -22.5911,
-11.7112) contains.

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Color

**HunterLab(40.9705,
-18.8893, -10.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	007E8B
RGB	0, 126, 139
RGB Percent	0%, 49%, 55%
CMY	0.9999, 0.5059, 0.4549
CMYK	1.00, 0.09, 0.00, 0.45
HSL	186°, 100%, 27%
HSV	186°, 100%, 55%
XYZ	12.1211, 16.7858, 27.0273
YIQ	89.8080, -79.2690, -22.6690

Conversions

Conversions Part 2

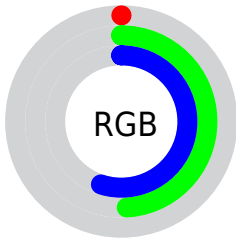
Format	Color
RYB	0, 66, 139
Decimal	32395
CIELab	47.99, -24.14, -15.37
CIELCh	48, 28.616, 212.478
Yxy	16.7864, 0.2167, 0.3001
Android (android.graphics.Color)	4278222475 (0xFF007E8B)
YUV	89.8080, 24.2517, -78.7616
Hunter-Lab	40.9705, -18.8893, -10.4329

Details

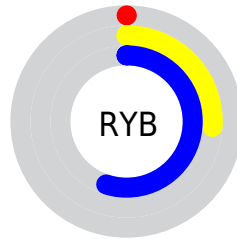
The HunterLab color **40.9705, -18.8893, -10.4329** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.0363, 38.0800, 15.4763**, and the grayscale version is **31.8416, -1.6990, 1.7300**.

A 20% lighter version of the original color is **61.5880, -22.8860, -10.4589**, and **24.2696, -10.2015, -8.3127** is the 20% darker color. If you saturate the color by 10%, you get **40.9705, -18.8891, -10.4334**, and if you desaturate by 10%, it is **41.4894, -18.9628, -9.6728**.

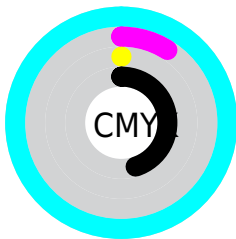
Distribution



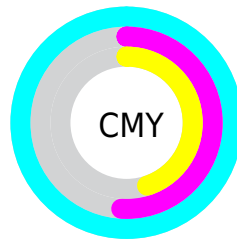
- Red (0%)
- Green (49%)
- Blue (55%)



- Red (0%)
- Yellow (26%)
- Blue (55%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9705, -18.8893, -10.4329 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 40.9705, -18.8893, -10.4329 by changing the saturation by 10% instead.

40.9705, -18.8893,
-10.4329

40.9705, -18.8893,
-10.4329

152.9505,
-35.4656, -9.8302

31.7527, -16.7820,
-10.1911

61.6102, -22.8377,
-10.6990

23.3529, -14.5354,
-9.8740

72.9347, -24.7238,
-10.7343

15.8612, -12.0779,
-9.4879

84.8788, -26.5701,
-10.7104

9.4049, -11.6873,
-9.0802

97.4119, -28.3859,
-10.6315

0.0000, NaN, -NF

0.0000, NaN, NaN

110.5075,
-30.1784, -10.5010

0.0000, NaN, NaN

124.1425,

0.0000, NaN, NaN

-31.9530, -10.3222

0.0000, NaN, NaN

138.2963,
-33.7143, -10.0978

■ 40.9705, -18.8893,
-10.4329

■ 40.9705, -18.8893,
-10.4329

■ 40.9705, -18.8891,
-10.4334

■ 41.4894, -18.9628,
-9.6728

■ 42.0765, -18.7720,
-8.8206

■ 42.7665, -18.1885,
-7.8299

■ 43.5672, -17.1884,
-6.6967

■ 44.4832, -15.7636,
-5.4227

■ 45.5170, -13.9181,
-4.0140

■ 46.6688, -11.6660,
-2.4795

■ 47.9374, -9.0285,
-0.8304

■ 49.3204, -6.0321,
0.9214

Harmonies

Analogous

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



40.9712, -21.6406, 1.3303



40.9705, -18.8893, -10.4329



40.9712, -11.7143, -20.5425

Triad

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



40.9712, -18.8892, -10.4323



40.9712, 18.8184, -8.4657



40.9712, -3.1196, 17.9242

Complementary

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



40.9705, -18.8893, -10.4329



24.0363, 38.0800, 15.4763

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.



40.9712, 8.2962, 16.6059



40.9705, -18.8893, -10.4329



40.9712, 21.7450, 3.1101

Square

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



40.9712, -18.8892, -10.4323



40.9712, 10.0888, -19.2084



40.9712, 17.7075, 11.8141



40.9712, -13.1709, 16.0706

Rectangle

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



40.9705, -18.8893, -10.4329



40.9712, -4.9823, -23.8707



40.9712, 17.7075, 11.8141



40.9712, 0.6826, 17.8373

Sweetspot

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



40.9712, -18.8892, -10.4323



62.3448, -15.8291, -3.4601



43.0014, -36.6606, 25.3933



29.6443, -8.1611, -2.0355



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



40.9712, -18.8892, -10.4323



54.7090, -25.1294, -14.1343



22.0980, 11.1678, -51.7252



23.6855, -2.7619, 0.5139



38.9396, -17.9663, -9.8872



3.3397, -1.6690, -0.5713

Inverse Universe

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



26.4498, 50.9869, -27.0569



35.3756, 68.1702, -35.9653



33.7457, 12.8675, 21.0182



22.6297, 1.5254, -0.4439



25.1295, 48.4503, -25.7401



2.0746, 4.0412, -2.4448

Previews

White Background



This preview shows how the HunterLab color 40.9705, -18.8893, -10.4329 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 40.9705, -18.8893, -10.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

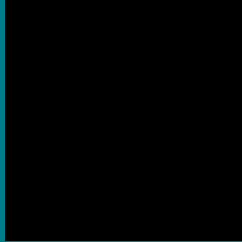
Any Text WCAG AA × Fail

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 40.9705, -18.8893, -10.4329 Background



This preview shows how black text looks on a background with the HunterLab color 40.9705, -18.8893, -10.4329.



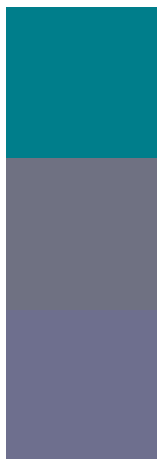
This preview shows how white text looks on a background with the HunterLab color 40.9705,

-18.8893, -10.4329.

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

40.9705, -18.8893, -10.4329

Protanopia

40.9896, 0.0780, -5.2891

Deuteranopia

40.7883, 3.0051, -12.0132



Tritanopia

40.8648, -19.5124, -8.9557

Trichromacy



Original Color

40.9705, -18.8893, -10.4329

Protanomaly

39.9874, -10.5606, -8.4468

Deuteranomaly

39.6434, -8.2349, -13.4038

Tritanomaly

40.8997, -19.3063, -9.4444

Monochromacy



Original Color

40.9705, -18.8893, -10.4329

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

34.1366, -11.4003, -3.8060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9705, -18.8893, -10.4329 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, 126, 139)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 139)  
}
```

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, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9705, -18.8893, -10.4329 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, 126, 139) }
```


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

```
.border{ border-color:rgb(0, 126, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 139);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9705, -18.8893, -10.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 139) }
```

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

```
.background{ background-color: rgb(0, 126,  
139) }
```

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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