

Converting Colors

HunterLab(40.6807, -20.9056,
-4.0545)

Have a look what the booklet for
HunterLab(40.6807, -20.9056,
-4.0545) contains.

HunterLab(40.6783, -20.9087, -4.0700)	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(40.6783,
-20.9087, -4.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	117E7E
RGB	17, 126, 126
RGB Percent	7%, 49%, 49%
CMY	0.9333, 0.5059, 0.5059
CMYK	0.86, 0.00, 0.00, 0.51
HSL	180°, 76%, 28%
HSV	180°, 86%, 49%
XYZ	11.4579, 16.5472, 22.3287
YIQ	93.4090, -64.9640, -23.1080

Conversions

Conversions Part 2

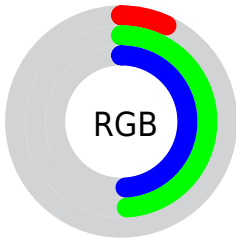
Format	Color
R_{YB}	17, 72, 126
Decimal	1146494
CIE _{Lab}	47.69, -27.50, -8.14
CIE _{LCh}	48, 28.683, 196.485
Yxy	16.5479, 0.2276, 0.3288
Android (android.graphics.Color)	4279336574 (0xFF117E7E)
YUV	93.4090, 16.0674, -67.0107
Hunter-Lab	40.6783, -20.9087, -4.0700

Details

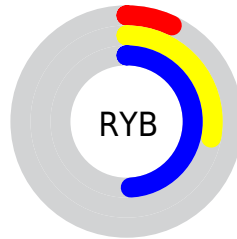
The HunterLab color **40.6783, -20.9087, -4.0700** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.0851, 33.3357, 12.7673**, and the grayscale version is **33.1980, -1.7714, 1.8037**.

A 20% lighter version of the original color is **61.2154, -25.2053, -4.0270**, and **23.8845, -12.4721, -2.9299** is the 20% darker color. If you saturate the color by 10%, you get **40.5673, -21.3497, -4.2252**, and if you desaturate by 10%, it is **40.8642, -20.1815, -3.8124**.

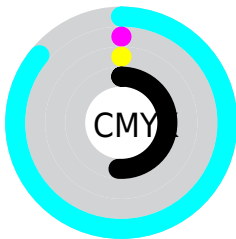
Distribution



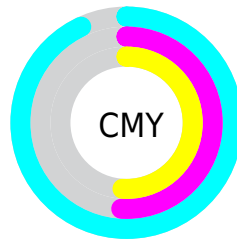
- Red (7%)
- Green (49%)
- Blue (49%)



- Red (7%)
- Yellow (28%)
- Blue (49%)



- Cyan (86%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (93%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.6783, -20.9087, -4.0700 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 40.6783, -20.9087, -4.0700 by changing the saturation by 10% instead.

40.6783, -20.9087,
-4.0700

40.6783, -20.9087,
-4.0700

152.4969,
-39.0521, -1.0530

31.4844, -18.5544,
-4.1336

61.2754, -25.2862,
-3.7440

23.1108, -16.0286,
-4.1205

72.5804, -27.3631,
-3.4955

15.6485, -13.2458,
-4.0187

84.5061, -29.3881,
-3.1963

9.2239, -13.4860,
-3.8208

97.0217, -31.3727,
-2.8502

0.0000, NaN, -NF

0.0000, NaN, NaN

110.1006,
-33.3253, -2.4603

0.0000, NaN, NaN

123.7195,

0.0000, NaN, NaN

-35.2528, -2.0293

0.0000, NaN, NaN

137.8577,
-37.1603, -1.5596

■ 40.6783, -20.9087,
-4.0700

■ 40.6783, -20.9087,
-4.0700

■ 40.5673, -21.3497,
-4.2252

■ 40.8642, -20.1815,
-3.8124

■ 40.5322, -21.4885,
-4.2743

■ 41.1404, -19.1031,
-3.4311

■ 41.5157, -17.6508,
-2.9173

■ 41.9958, -15.8139,
-2.2671

■ 42.5847, -13.5921,
-1.4800

■ 43.2846, -10.9946,
-0.5589

■ 44.0962, -8.0381,
0.4905

■ 45.0189, -4.7452,
1.6607

■ 46.0512, -1.1429,
2.9425

Harmonies

Analogous

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



40.6791, -21.1434, 6.7361



40.6783, -20.9087, -4.0700



40.6791, -16.0229, -15.7165

Triad

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



40.6791, -20.9088, -4.0694



40.6791, 14.7356, -14.6577



40.6791, 3.0076, 17.5725

Complementary

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



40.6783, -20.9087, -4.0700



22.0851, 33.3357, 12.7673

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.



40.6791, 13.8210, 14.4903



40.6783, -20.9087, -4.0700



40.6791, 21.0723, -2.8948

Square

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



40.6791, -20.9088, -4.0694



40.6791, 4.1504, -22.8761



40.6791, 20.7205, 7.6321



40.6791, -8.1317, 17.4181

Rectangle

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



40.6783, -20.9087, -4.0700



40.6791, -10.4497, -21.5383



40.6791, 20.7205, 7.6321



40.6791, 6.8240, 16.9262

Sweetspot

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



40.6791, -20.9088, -4.0694



57.4153, -14.6263, -0.7556



38.8580, -32.0444, 22.5733



27.2527, -7.4571, -0.5311



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



40.6791, -20.9088, -4.0694



53.7745, -28.5090, -5.6707



25.3639, 0.6618, -30.5013



22.1063, -2.7828, 0.6638



41.0531, -21.7646, -4.3292

0.0000, NaN, NaN

Inverse Universe

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



22.0851, 33.3357, 12.7673



27.9422, 47.8519, 18.0555



29.6949, 13.4142, 17.4730



20.8429, 0.5883, 1.7023

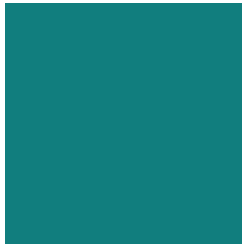


21.3319, 36.5316, 13.7841

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.6783, -20.9087, -4.0700 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 40.6783, -20.9087, -4.0700 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 40.6783, -20.9087, -4.0700 Background



This preview shows how black text looks on a background with the HunterLab color 40.6783, -20.9087, -4.0700.



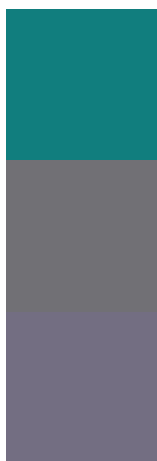
This preview shows how white text looks on a background with the HunterLab color 40.6783,

-20.9087, -4.0700.

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

40.6783, -20.9087, -4.0700

Protanopia

40.4764, -1.0895, 0.2702

Deuteranopia

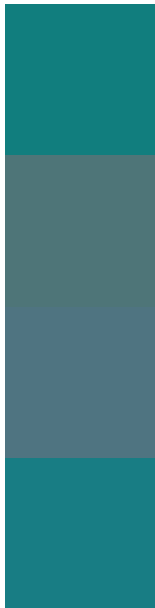
40.5073, 2.5944, -5.9059



Tritanopia

40.8208, -18.1512, -8.4567

Trichromacy



Original Color

40.6783, -20.9087, -4.0700

Protanomaly

39.6211, -11.2503, -2.3730

Deuteranomaly

39.6712, -8.9861, -6.7520

Tritanomaly

40.6539, -19.0037, -7.1188

Monochromacy



Original Color

40.6783, -20.9087, -4.0700

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

34.9956, -11.3510, -1.2771

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.6783, -20.9087, -4.0700 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(17, 126, 126)` looks like.

```
.text, #text, p{  
    color:rgb(17, 126, 126)  
}
```

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(17, 126, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 126, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 40.6783, -20.9087, -4.0700 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(17, 126, 126) }
```


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

```
.border{ border-color:rgb(17, 126, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 126, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 126, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 126, 126);  
box-shadow:4px 4px 4px 4px rgb(17, 126,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.6783, -20.9087, -4.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 126, 126) }
```

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

```
.background{ background-color: rgb(17, 126,  
126) }
```

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