

Converting Colors

HunterLab(34.6588, -20.0802,
0.0269)

Have a look what the booklet for
HunterLab(34.6588, -20.0802,
0.0269) contains.

HunterLab(34.7728, -20.1712, 0.0810)	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(34.7728,
-20.1712, 0.0810)**

Conversions

Conversions Part 1

Format	Color
Hex	006E65
RGB	0, 110, 101
RGB Percent	0%, 43%, 40%
CMY	1.0000, 0.5686, 0.6039
CMYK	1.00, 0.00, 0.08, 0.57
HSL	175°, 100%, 22%
HSV	175°, 100%, 43%
XYZ	7.9249, 12.0915, 14.2281
YIQ	76.0840, -62.6710, -26.1190

Conversions

Conversions Part 2

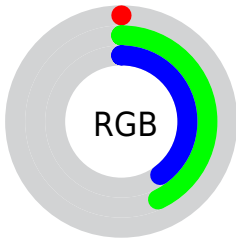
Format	Color
RYB	0, 57, 110
Decimal	28261
CIELab	41.36, -28.81, -2.59
CIELCh	41, 28.927, 185.140
Yxy	12.0919, 0.2314, 0.3531
Android (android.graphics.Color)	4278218341 (0xFF006E65)
YUV	76.0840, 12.2836, -66.7257
Hunter-Lab	34.7728, -20.1712, 0.0810

Details

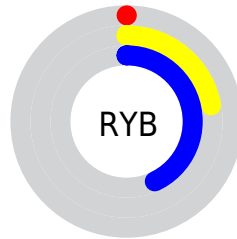
The HunterLab color **34.7728, -20.1712, 0.0810** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **18.2623, 31.3794, 10.9623**, and the grayscale version is **26.8886, -1.4347, 1.4609**.

A 20% lighter version of the original color is **54.4091, -24.7154, 0.7234**, and **18.9838, -11.2699, 0.6004** is the 20% darker color. If you saturate the color by 10%, you get **34.7733, -20.1719, 0.0817**, and if you desaturate by 10%, it is **34.9010, -19.6105, -0.1484**.

Distribution



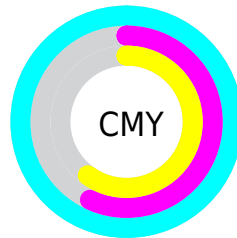
- Red (0%)
- Green (43%)
- Blue (40%)



- Red (0%)
- Yellow (22%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.7728, -20.1712, 0.0810 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 34.7728, -20.1712, 0.0810 by changing the saturation by 10% instead.

■ 34.7728, -20.1712,
0.0810

■ 34.7728, -20.1712,
0.0810

143.1827,
-39.2269, 4.9363

■ 26.0889, -17.6132,
-0.2349

■ 54.4632, -24.8501,
0.8751

■ 18.2791, -14.8207,
-0.4873

■ 65.3576, -27.0450,
1.3420

■ 11.4560, -12.3788,
-0.6634

■ 76.8947, -29.1737,
1.8508

■ 3.8829, -6.7950,
-2.5553

■ 89.0406, -31.2508,
2.3984

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.7662,
-33.2872, 2.9827

0.0000, NaN, NaN

■ 115.0462,

0.0000, NaN, NaN

-35.2913, 3.6015

0.0000, NaN, NaN

128.8583,
-37.2694, 4.2532

34.7728, -20.1712,
0.0810

34.7728, -20.1712,
0.0810

34.7733, -20.1719,
0.0817

34.9010, -19.6105,
-0.1484

35.0689, -18.8921,
-0.3278

35.3118, -17.8817,
-0.4108

35.6367, -16.5594,
-0.3877

36.0487, -14.9156,
-0.2522

■ 36.5512, -12.9500,
-0.0007

■ 37.1463, -10.6699,
0.3674

■ 37.8347, -8.0890,
0.8506

■ 38.6160, -5.2261,
1.4453

Harmonies

Analogous

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



34.7735, -18.7218, 9.1974



34.7728, -20.1712, 0.0810



34.7735, -17.2221, -11.4608

Triad

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



34.7735, -20.1713, 0.0814



34.7735, 10.8819, -18.3753



34.7735, 7.2833, 15.4420

Complementary

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



34.7728, -20.1712, 0.0810



18.2623, 31.3794, 10.9623

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.



34.7735, 16.7477, 11.4290



34.7728, -20.1712, 0.0810



34.7735, 18.9962, -7.4484

Square

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



34.7735, -20.1713, 0.0814



34.7735, 0.0174, -23.9964



34.7735, 21.2632, 3.6117



34.7735, -3.6930, 16.3514

Rectangle

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



34.7728, -20.1712, 0.0810



34.7735, -12.9191, -18.4602



34.7735, 21.2632, 3.6117



34.7735, 10.7875, 14.4872

Sweetspot

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



34.7735, -20.1713, 0.0814



49.1576, -14.3996, 0.4416



33.4836, -28.2574, 20.1372



23.5896, -7.4182, 0.1333



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.7735, -20.1713, 0.0814



46.0725, -26.7854, 0.2355



21.9367, -0.4880, -26.3637



19.5210, -2.4892, 0.7611



38.1098, -22.1245, 0.1266



85.0223, -49.5941, 0.7890

Inverse Universe

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



18.2623, 31.3794, 10.9623



24.1818, 41.5187, 14.7992



22.9275, 17.5004, 14.4334



18.4541, 0.5398, 1.3372



20.0096, 34.3745, 12.0971



44.5973, 76.4895, 27.9248

Previews

White Background



This preview shows how the HunterLab color 34.7728, -20.1712, 0.0810 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 34.7728, -20.1712, 0.0810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

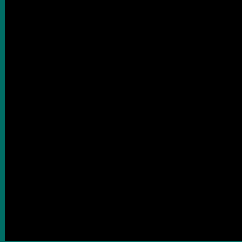
Any Text WCAG AA × Fail

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 34.7728, -20.1712, 0.0810 Background



This preview shows how black text looks on a background with the HunterLab color 34.7728, -20.1712, 0.0810.



This preview shows how white text looks on a background with the HunterLab color 34.7728,

-20.1712, 0.0810.

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

34.7728, -20.1712, 0.0810

Protanopia

34.7374, -1.4370, 3.3053

Deuteranopia

34.8238, 2.1049, -0.8030



Tritanopia

34.9558, -15.3835, -6.7550

Trichromacy



Original Color

34.7728, -20.1712, 0.0810

Protanomaly

33.8464, -11.6435, 0.8413

Deuteranomaly

33.5438, -9.4674, -2.1772

Tritanomaly

34.9344, -17.3511, -4.3011

Monochromacy



Original Color

34.7728, -20.1712, 0.0810

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

28.7467, -10.8872, -0.2029

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.7728, -20.1712, 0.0810 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, 110, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 101)  
}
```

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, 110, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 34.7728, -20.1712, 0.0810 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, 110, 101) }
```


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

```
.border{ border-color:rgb(0, 110, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.7728, -20.1712, 0.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 101) }
```

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

```
.background{ background-color: rgb(0, 110,  
101) }
```

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