

Converting Colors

HunterLab(40.0407, -20.9121,
0.6447)

Have a look what the booklet for
HunterLab(40.0407, -20.9121,
0.6447) contains.

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Color

**HunterLab(40.0294,
-20.9649, 0.7194)**

Conversions

Conversions Part 1

Format	Color
Hex	257C72
RGB	37, 124, 114
RGB Percent	15%, 49%, 45%
CMY	0.8549, 0.5137, 0.5529
CMYK	0.70, 0.00, 0.08, 0.51
HSL	173°, 54%, 32%
HSV	173°, 70%, 49%
XYZ	11.0079, 16.0235, 18.4323
YIQ	96.8470, -48.6420, -21.5540

Conversions

Conversions Part 2

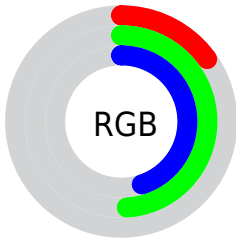
Format	Color
RYB	37, 83, 124
Decimal	2456690
CIELab	47.01, -27.85, -2.01
CIELCh	47, 27.927, 184.121
Yxy	16.0241, 0.2421, 0.3524
Android (android.graphics.Color)	4280646770 (0xFF257C72)
YUV	96.8470, 8.4564, -52.4858
Hunter-Lab	40.0294, -20.9649, 0.7194

Details

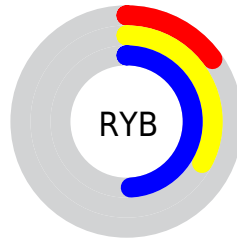
The HunterLab color **40.0294, -20.9649, 0.7194** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **24.1121, 28.0382, 8.7343**, and the grayscale version is **34.5006, -1.8409, 1.8745**.

A 20% lighter version of the original color is **60.5230, -25.3277, 1.5092**, and **23.0020, -13.6193, 0.6496** is the 20% darker color. If you saturate the color by 10%, you get **39.7495, -22.1590, 0.9892**, and if you desaturate by 10%, it is **40.4061, -19.4074, 0.5691**.

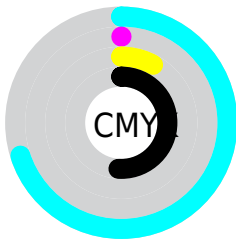
Distribution



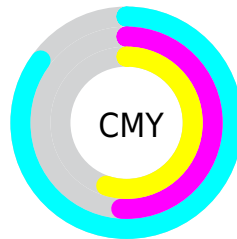
- Red (15%)
- Green (49%)
- Blue (45%)



- Red (15%)
- Yellow (33%)
- Blue (49%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (51%)



- Cyan (85%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0294, -20.9649, 0.7194 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 40.0294, -20.9649, 0.7194 by changing the saturation by 10% instead.

40.0294, -20.9649,
0.7194

40.0294, -20.9649,
0.7194

151.4873,
-39.2999, 5.9966

30.8889, -18.5752,
0.3385

60.5311, -25.3997,
1.6276

22.5740, -16.0061,
0.0130

71.7927, -27.5006,
2.1457

15.1777, -13.1675,
-0.2476

83.6773, -29.5474,
2.7025

8.8070, -14.2522,
-0.4663

96.1537, -31.5521,
3.2957

0.0000, NaN, NaN

0.0000, NaN, NaN

109.1951,
-33.5235, 3.9233

0.0000, NaN, NaN

122.7780,

0.0000, NaN, NaN

-35.4684, 4.5837

0.0000, NaN, NaN

136.8816,
-37.3925, 5.2752

■ 40.0294, -20.9649,
0.7194

■ 40.0294, -20.9649,
0.7194

■ 39.7495, -22.1590,
0.9892

■ 40.4061, -19.4074,
0.5691

■ 39.5556, -23.0134,
1.3642

■ 40.8834, -17.4744,
0.5457

■ 39.4159, -23.6524,
1.7923

■ 41.4662, -15.1655,
0.6551

■ 42.1568, -12.4896,
0.8999

■ 42.9563, -9.4636,
1.2793

■ 43.8641, -6.1100,
1.7904

■ 44.8789, -2.4556,
2.4282

■ 45.9982, 1.4702,
3.1859

■ 47.2190, 5.6372,
4.0559

Harmonies

Analogous

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



40.0302, -19.2981, 9.9383



40.0294, -20.9649, 0.7194



40.0302, -18.0480, -10.6907

Triad

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



40.0302, -20.9651, 0.7199



40.0302, 10.3055, -18.0810



40.0302, 7.4230, 16.2829

Complementary

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



40.0294, -20.9649, 0.7194



24.1121, 28.0382, 8.7343

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.



40.0302, 16.7249, 11.8241



40.0294, -20.9649, 0.7194



40.0302, 18.5101, -7.5325

Square

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



40.0302, -20.9651, 0.7199



40.0302, -0.6211, -23.2327



40.0302, 20.9756, 3.5851



40.0302, -3.6327, 17.3962

Rectangle

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



40.0294, -20.9649, 0.7194



40.0302, -13.6918, -17.5672



40.0302, 20.9756, 3.5851



40.0302, 10.8957, 15.1975

Sweetspot

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



40.0302, -20.9651, 0.7199



56.8326, -13.1177, 1.6193



38.9325, -28.1460, 20.8313



27.4611, -6.8164, 0.7260



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.



40.0302, -20.9651, 0.7199



52.5660, -30.1079, 1.5867



30.4494, -5.7276, -18.4689



21.2247, -2.7617, 0.8952



39.7406, -23.8493, 1.8114



86.7494, -52.3672, 4.6164

Inverse Universe

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



24.1121, 28.0382, 8.7343



29.0312, 43.8488, 14.3315



29.7381, 13.1375, 15.0641



20.0546, 0.6438, 1.3895



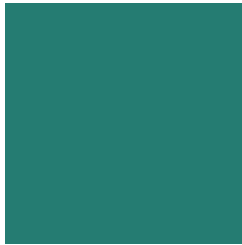
20.9497, 36.0332, 12.3272



45.6819, 78.4261, 28.0115

Previews

White Background



This preview shows how the HunterLab color 40.0294, -20.9649, 0.7194 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 40.0294, -20.9649, 0.7194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

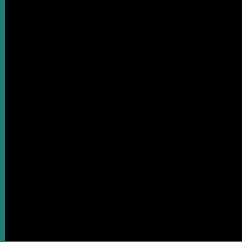
Any Text WCAG AA × Fail

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 40.0294, -20.9649, 0.7194 Background



This preview shows how black text looks on a background with the HunterLab color 40.0294, -20.9649, 0.7194.



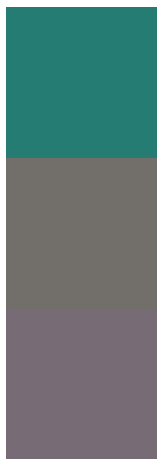
This preview shows how white text looks on a background with the HunterLab color 40.0294, -20.9649, 0.7194.

-20.9649, 0.7194.

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

40.0294, -20.9649, 0.7194

Protanopia

39.7113, -1.5453, 4.0845

Deuteranopia

39.9438, 2.6728, -0.7809



Tritanopia

39.8676, -15.7682, -7.6434

Trichromacy



Original Color

40.0294, -20.9649, 0.7194

Protanomaly

39.1715, -10.5463, 2.0538

Deuteranomaly

39.2974, -8.1398, -1.3194

Tritanomaly

39.8915, -17.6472, -4.5649

Monochromacy



Original Color

40.0294, -20.9649, 0.7194

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

36.0424, -10.5403, 0.9159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0294, -20.9649, 0.7194 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(37, 124, 114)` looks like.

```
.text, #text, p{  
    color:rgb(37, 124, 114)  
}
```

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(37, 124, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 124, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0294, -20.9649, 0.7194 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(37, 124, 114) }
```


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

```
.border{ border-color:rgb(37, 124, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 124, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 124, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 124, 114);  
box-shadow:4px 4px 4px 4px rgb(37, 124,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0294, -20.9649, 0.7194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 124, 114) }
```

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

```
.background{ background-color: rgb(37, 124,  
114) }
```

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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