

Converting Colors

HunterLab(17.7794, -0.0287,
-18.4042)

Have a look what the booklet for
HunterLab(17.7794, -0.0287,
-18.4042) contains.

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Color

**HunterLab(17.7728, -0.0208,
-18.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	113356
RGB	17, 51, 86
RGB Percent	7%, 20%, 34%
CMY	0.9333, 0.8000, 0.6627
CMYK	0.80, 0.41, 0.00, 0.66
HSL	210°, 67%, 20%
HSV	210°, 80%, 34%
XYZ	3.0947, 3.1587, 9.2507
YIQ	44.8240, -31.4990, 3.6770

Conversions

Conversions Part 2

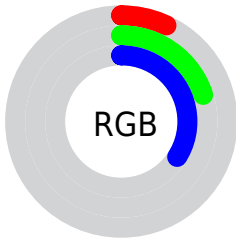
Format	Color
R_{YB}	17, 40, 86
Decimal	1127254
CIE _{Lab}	20.67, 1.61, -24.70
CIE _{LCh}	21, 24.753, 273.721
Yxy	3.1588, 0.1996, 0.2037
Android (android.graphics.Color)	4279317334 (0xFF113356)
YUV	44.8240, 20.2998, -24.4016
Hunter-Lab	17.7728, -0.0208, -18.4194

Details

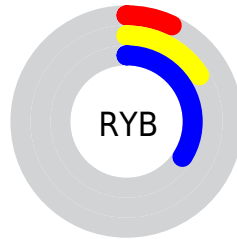
The HunterLab color **17.7728, -0.0208, -18.4194** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.1550, 6.5783, 11.6639**, and the grayscale version is **16.0846, -0.8582, 0.8739**.

A 20% lighter version of the original color is **34.1563, -0.6304, -19.3962**, and **4.9692, 7.2406, -21.8415** is the 20% darker color. If you saturate the color by 10%, you get **16.5238, 1.1908, -21.3882**, and if you desaturate by 10%, it is **19.1138, -0.9573, -15.5492**.

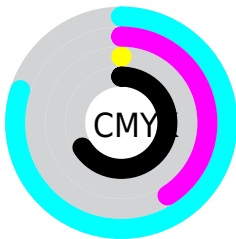
Distribution



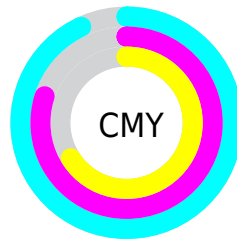
- Red (7%)
- Green (20%)
- Blue (34%)



- Red (7%)
- Yellow (16%)
- Blue (34%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7728, -0.0208, -18.4194 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 17.7728, -0.0208, -18.4194 by changing the saturation by 10% instead.

■ 17.7728, -0.0208,
-18.4194

■ 17.7728, -0.0208,
-18.4194

■ 114.1087, -4.3809,
-21.7168

■ 11.0236, 0.2063,
-18.1327

■ 34.1454, -0.6733,
-19.4419

■ 2.7216, 2.4266,
-43.3470

■ 43.5712, -1.0806,
-19.9371

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 53.7333, -1.5341,
-20.3807

0.0000, NaN, NaN

■ 64.5817, -2.0299,
-20.7654

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.0754, -2.5648,
-21.0899

0.0000, NaN, NaN

■ 88.1801, -3.1363,

-21.3552

0.0000, NaN, NaN

■ 100.8664, -3.7422,
-21.5634

■ 17.7728, -0.0208,
-18.4194

■ 17.7728, -0.0208,
-18.4194

■ 16.5238, 1.1908,
-21.3882

■ 19.1138, -0.9573,
-15.5492

■ 15.3445, 2.4742,
-24.5203

■ 20.5391, -1.6347,
-12.7875

■ 22.0410, -2.0779,
-10.1380

■ 23.6120, -2.3132,
-7.5983

■ 25.2455, -2.3654,
-5.1623

■ 26.9354, -2.2573,
-2.8218

■ 28.6766, -2.0088,
-0.5678

■ 30.4646, -1.6375,
1.6088

■ 32.2955, -1.1581,
3.7168

Harmonies

Analogous

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



17.7731, -6.7967, -15.8547



17.7728, -0.0208, -18.4194



17.7731, 7.6190, -14.2881

Triad

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



17.7731, -0.0205, -18.4190



17.7731, 12.4355, 6.9406



17.7731, -11.9517, 5.9596

Complementary

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



17.7728, -0.0208, -18.4194



21.1550, 6.5783, 11.6639

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.



17.7731, -8.1500, 8.9226



17.7728, -0.0208, -18.4194



17.7731, 5.7680, 9.3062

Square

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



17.7731, -0.0205, -18.4190



17.7731, 15.5120, 1.8200



17.7731, -1.8593, 9.8907



17.7731, -12.9920, 0.0705

Rectangle

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



17.7728, -0.0208, -18.4194



17.7731, 11.9737, -8.9969



17.7731, -1.8593, 9.8907



17.7731, -10.9886, 7.2370

Sweetspot

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



17.7731, -0.0205, -18.4190



34.5762, -3.0743, -5.1343



26.4922, -18.2795, 8.8642



16.8394, -1.5325, -2.8687



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



17.7731, -0.0205, -18.4190



20.4579, 3.3135, -31.9317



10.9186, 15.4120, -40.8108



14.8491, -1.0073, -0.1283



18.9447, 3.7985, -31.8792



42.8630, 13.0105, -81.6609

Inverse Universe

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



16.1819, 22.8195, -1.1051



19.6376, 33.8878, 0.7842



29.4527, -7.5010, 16.9493



14.6095, 0.5788, 0.4426



18.4036, 32.9020, 1.1540



43.4116, 77.2265, 5.7044

Previews

White Background



This preview shows how the HunterLab color 17.7728, -0.0208, -18.4194 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 17.7728, -0.0208, -18.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

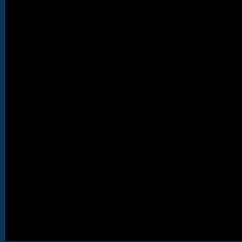
Any Text WCAG AA × Fail

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 17.7728, -0.0208, -18.4194 Background



This preview shows how black text looks on a background with the HunterLab color 17.7728, -0.0208, -18.4194.



This preview shows how white text looks on a background with the HunterLab color 17.7728, -0.0208, -18.4194.

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

17.7728, -0.0208, -18.4194

Protanopia

17.8719, 2.5995, -16.7675

Deuteranopia

17.9168, 0.4707, -18.0859



Tritanopia

17.7612, -8.6727, -3.4781

Trichromacy



Original Color

17.7728, -0.0208, -18.4194

Protanomaly

17.8436, 1.3771, -17.5375

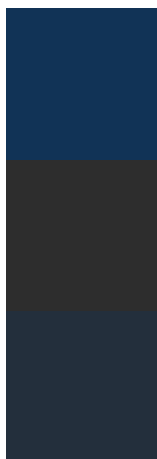
Deuteranomaly

17.8557, 0.2628, -18.2269

Tritanomaly

17.6259, -5.8470, -8.1803

Monochromacy



Original Color

17.7728, -0.0208, -18.4194

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.4821, -1.4953, -5.2480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7728, -0.0208, -18.4194 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, 51, 86)` looks like.

```
.text, #text, p{  
    color:rgb(17, 51, 86)  
}
```

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, 51, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 51, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7728, -0.0208, -18.4194 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, 51, 86) }
```


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

```
.border{ border-color:rgb(17, 51, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 51, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 51, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 51, 86);  
box-shadow:4px 4px 4px 4px rgb(17, 51, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7728, -0.0208, -18.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 51, 86) }
```

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

```
.background{ background-color: rgb(17, 51,  
86) }
```

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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