

Converting Colors

HunterLab(17.5732, -1.5509,
-7.2714)

Have a look what the booklet for
HunterLab(17.5732, -1.5509,
-7.2714) contains.

HunterLab(17.4464, -1.4041, -7.3203)	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(17.4464, -1.4041,
-7.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	233243
RGB	35, 50, 67
RGB Percent	14%, 20%, 26%
CMY	0.8627, 0.8039, 0.7373
CMYK	0.48, 0.25, 0.00, 0.74
HSL	212°, 31%, 20%
HSV	212°, 48%, 26%
XYZ	2.8469, 3.0438, 5.7476
YIQ	47.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

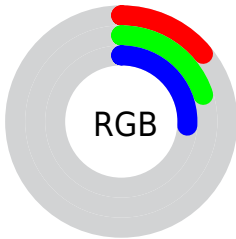
Format	Color
R_{YB}	35, 45, 67
Decimal	2306627
CIE _{Lab}	20.22, -0.83, -12.58
CIE _{LCh}	20, 12.607, 266.203
Yxy	3.0439, 0.2446, 0.2615
Android (android.graphics.Color)	4280496707 (0xFF233243)
YUV	47.4530, 9.6367, -10.9213
Hunter-Lab	17.4464, -1.4041, -7.3203

Details

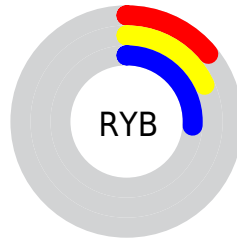
The HunterLab color **17.4464, -1.4041, -7.3203** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4183, 1.3733, 7.1341**, and the grayscale version is **16.9831, -0.9062, 0.9227**.

A 20% lighter version of the original color is **33.6940, -2.4345, -7.8216**, and **3.6785, 3.6574, -12.4932** is the 20% darker color. If you saturate the color by 10%, you get **16.2636, -1.0818, -9.3560**, and if you desaturate by 10%, it is **18.6784, -1.5845, -5.3743**.

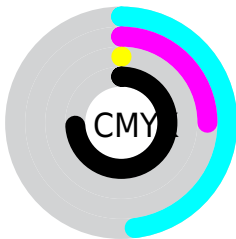
Distribution



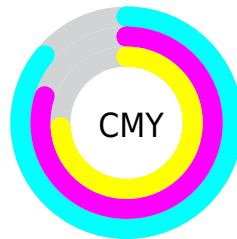
- Red (14%)
- Green (20%)
- Blue (26%)



- Red (14%)
- Yellow (18%)
- Blue (26%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (74%)



- Cyan (86%)
- Magenta (80%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4464, -1.4041, -7.3203 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 17.4464, -1.4041, -7.3203 by changing the saturation by 10% instead.

■ 17.4464, -1.4041,
-7.3203

■ 17.4464, -1.4041,
-7.3203

■ 113.5008, -6.9473,
-7.2767

■ 10.7456, -0.9750,
-6.9671

■ 33.7392, -2.3916,
-7.7916

■ 1.5563, -2.4206,
-33.4185

■ 43.1305, -2.9439,
-7.9069

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.2606, -3.5318,
-7.9500

0.0000, NaN, NaN

■ 64.0790, -4.1536,
-7.9273

0.0000, NaN, NaN

■ 75.5445, -4.8074,
-7.8443

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.6224, -5.4918,

-7.7056

0.0000, NaN, NaN

■ 100.2831, -6.2055,
-7.5152

■ 17.4464, -1.4041,
-7.3203

■ 17.4464, -1.4041,
-7.3203

■ 16.2636, -1.0818,
-9.3560

■ 18.6784, -1.5845,
-5.3743

■ 15.1345, -0.5983,
-11.4877

■ 19.9538, -1.6401,
-3.5119

■ 14.0652, 0.0656,
-13.7164

■ 21.2689, -1.5867,
-1.7249

■ 13.0601, 0.9201,
-16.0437

■ 22.6202, -1.4379,
-0.0054

■ 12.0789, 1.8260,
-18.5907

■ 24.0044, -1.2053,
1.6543

■ 11.8600, 2.0286,
-19.2031

■ 25.4191, -0.8989,
3.2613

■ 26.8617, -0.5274,
4.8220

■ 28.3304, -0.0981,
6.3421

■ 29.8232, 0.3827,
7.8267

Harmonies

Analogous

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



17.4467, -4.7442, -5.7232



17.4464, -1.4041, -7.3203



17.4467, 2.3487, -6.3463

Triad

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



17.4467, -1.4042, -7.3199



17.4467, 5.9795, 3.7012



17.4467, -6.5000, 4.3340

Complementary

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



17.4464, -1.4041, -7.3203



19.4183, 1.3733, 7.1341

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.



17.4467, -3.9866, 6.0284



17.4464, -1.4041, -7.3203



17.4467, 3.2388, 5.7205

Square

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



17.4467, -1.4042, -7.3199



17.4467, 6.8153, 0.4919



17.4467, -0.4544, 6.4771



17.4467, -7.5259, 1.3954

Rectangle

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



17.4464, -1.4041, -7.3203



17.4467, 4.5516, -4.4619



17.4467, -0.4544, 6.4771



17.4467, -5.8119, 5.0419

Sweetspot

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



17.4467, -1.4042, -7.3199



28.1704, -2.0114, -1.5194



21.4836, -10.0967, 4.2464



14.2530, -1.0319, -0.8833



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



17.4467, -1.4042, -7.3199



20.8816, -1.3203, -12.5757



14.0505, 4.9569, -13.6634



11.7669, -0.7586, -0.0681



16.6443, 4.1992, -29.8688



39.4271, 15.1186, -81.9173

Inverse Universe

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



16.2042, 10.1048, -0.8798



19.1924, 16.6392, -1.2806



23.0439, -4.7808, 10.0244



11.6061, 0.3690, 0.3977



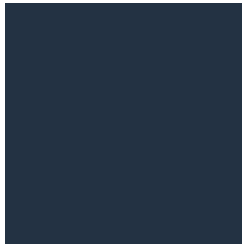
16.5186, 29.4552, 1.6298



41.1522, 72.9622, 7.3072

Previews

White Background



This preview shows how the HunterLab color 17.4464, -1.4041, -7.3203 looks on a white background.

Color Contrast Check

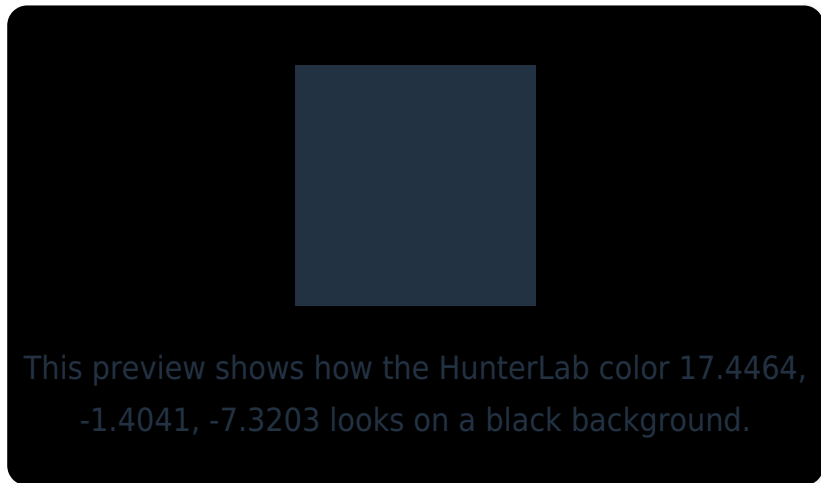
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

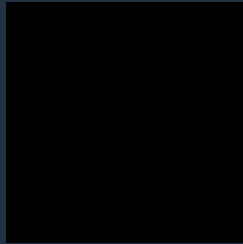
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

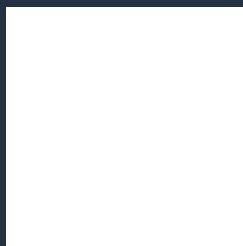
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.4464, -1.4041, -7.3203 Background



This preview shows how black text looks on a background with the HunterLab color 17.4464, -1.4041, -7.3203.



This preview shows how white text looks on a background with the HunterLab color 17.4464, -1.4041, -7.3203.

-7.3203.

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

17.4464, -1.4041, -7.3203

Protanopia

17.4434, 0.9820, -6.7535

Deuteranopia

17.4148, 0.9538, -7.3314



Tritanopia

17.4602, -4.6142, -2.0266

Trichromacy



Original Color

17.4464, -1.4041, -7.3203

Protanomaly

17.4968, -0.0534, -6.6853

Deuteranomaly

17.4728, -0.0677, -7.2534

Tritanomaly

17.3702, -3.4059, -3.9480

Monochromacy



Original Color

17.4464, -1.4041, -7.3203

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.0113, -1.2385, -1.7033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4464, -1.4041, -7.3203 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(35, 50, 67)` looks like.

```
.text, #text, p{  
    color:rgb(35, 50, 67)  
}
```

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(35, 50, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 50, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4464, -1.4041, -7.3203 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(35, 50, 67) }
```


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

```
.border{ border-color:rgb(35, 50, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 50, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 50, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 50, 67);  
box-shadow:4px 4px 4px 4px rgb(35, 50, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4464, -1.4041, -7.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 50, 67) }
```

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

```
.background{ background-color: rgb(35, 50,  
67) }
```

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