

Converting Colors

HunterLab(21.1765, -3.4905,
-17.5454)

Have a look what the booklet for
HunterLab(21.1765, -3.4905,
-17.5454) contains.

HunterLab(21.0544, -3.4144, -17.5740)	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(21.0544, -3.4144,
-17.5740)**

Conversions

Conversions Part 1

Format	Color
Hex	083F5F
RGB	8, 63, 95
RGB Percent	3%, 25%, 37%
CMY	0.9686, 0.7529, 0.6274
CMYK	0.92, 0.34, 0.00, 0.63
HSL	202°, 84%, 20%
HSV	202°, 92%, 37%
XYZ	3.9432, 4.4329, 11.4743
YIQ	50.2030, -43.0520, -1.7080

Conversions

Conversions Part 2

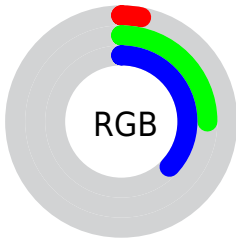
Format	Color
R_{YB}	8, 42, 95
Decimal	540511
CIE _{Lab}	25.05, -3.86, -23.69
CIE _{LCh}	25, 23.998, 260.733
Yxy	4.4330, 0.1987, 0.2233
Android (android.graphics.Color)	4278730591 (0xFF083F5F)
YUV	50.2030, 22.0849, -37.0120
Hunter-Lab	21.0544, -3.4144, -17.5740

Details

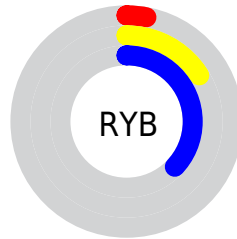
The HunterLab color **21.0544, -3.4144, -17.5740** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.9215, 14.6185, 11.8470**, and the grayscale version is **17.8673, -0.9534, 0.9708**.

A 20% lighter version of the original color is **38.0689, -4.6408, -18.9766**, and **8.7068, 1.6263, -14.3934** is the 20% darker color. If you saturate the color by 10%, you get **20.1586, -2.6537, -19.4678**, and if you desaturate by 10%, it is **22.1466, -4.2339, -15.4120**.

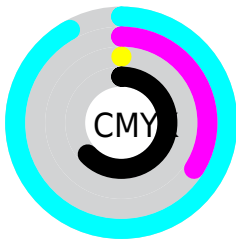
Distribution



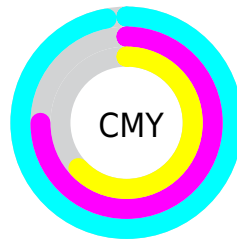
- Red (3%)
- Green (25%)
- Blue (37%)



- Red (3%)
- Yellow (16%)
- Blue (37%)



- Cyan (92%)
- Magenta (34%)
- Yellow (0%)
- Black (63%)



- Cyan (97%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0544, -3.4144, -17.5740 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 21.0544, -3.4144, -17.5740 by changing the saturation by 10% instead.

■ 21.0544, -3.4144,
-17.5740

■ 21.0544, -3.4144,
-17.5740

■ 120.0852,
-10.5667, -20.4867

■ 13.8514, -2.7170,
-17.1368

■ 38.1845, -4.8518,
-18.5858

■ 7.4802, -2.6507,
-18.0491

■ 47.9400, -5.6007,
-19.0352

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 58.4086, -6.3718,
-19.4258

0.0000, NaN, NaN

■ 69.5446, -7.1656,
-19.7549

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.3102, -7.9821,
-20.0233

0.0000, NaN, NaN

■ 93.6733, -8.8213,

-20.2330

0.0000, NaN, NaN

■ 106.6063, -9.6830,
-20.3866

■ 21.0544, -3.4144,
-17.5740

■ 21.0544, -3.4144,
-17.5740

■ 20.1586, -2.6537,
-19.4678

■ 22.1466, -4.2339,
-15.4120

■ 23.3205, -4.7796,
-13.2393

■ 24.5755, -5.0522,
-11.0650

■ 25.9078, -5.0667,
-8.9011

■ 27.3128, -4.8423,
-6.7569

■ 28.7856, -4.4001,
-4.6391

■ 30.3216, -3.7611,
-2.5518

■ 31.9162, -2.9452,
-0.4973

■ 33.5651, -1.9711,
1.5238

Harmonies

Analogous

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



21.0547, -9.5561, -12.6128



21.0544, -3.4144, -17.5740



21.0547, 4.2714, -16.3168

Triad

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



21.0547, -3.4141, -17.5735



21.0547, 14.2643, 5.4764



21.0547, -11.2362, 8.1530

Complementary

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



21.0544, -3.4144, -17.5740



19.9215, 14.6185, 11.8470

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.



21.0547, -6.0265, 10.4093



21.0544, -3.4144, -17.5740



21.0547, 8.8862, 9.2858

Square

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



21.0547, -3.4141, -17.5735



21.0547, 15.2245, -1.2040



21.0547, 1.2672, 10.7342



21.0547, -13.6339, 3.2530

Rectangle

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



21.0544, -3.4144, -17.5740



21.0547, 9.2229, -12.2518



21.0547, 1.2672, 10.7342



21.0547, -9.7935, 9.1612

Sweetspot

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



21.0547, -3.4141, -17.5735



38.4198, -5.4721, -5.0368



28.9634, -22.4970, 13.3609



18.6044, -2.7581, -2.7442



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



21.0547, -3.4141, -17.5735



26.0298, -2.9127, -26.2474



11.6812, 16.3717, -47.4677



16.5845, -1.3841, 0.0233



23.8150, -2.8178, -23.6839



53.4570, -3.9436, -58.3035

Inverse Universe

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



17.2212, 28.9810, -5.0719



21.6979, 39.6522, -5.3116



29.4935, -3.8779, 17.6435



16.1679, 0.7722, 0.2424



19.7785, 36.1666, -5.0128



45.5240, 82.9068, -8.9211

Previews

White Background



This preview shows how the HunterLab color 21.0544, -3.4144, -17.5740 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

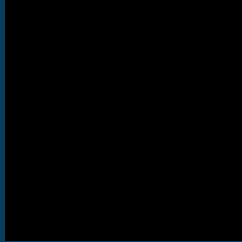
Any Text WCAG AA × Fail

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 21.0544, -3.4144, -17.5740 Background



This preview shows how black text looks on a background with the HunterLab color 21.0544, -3.4144, -17.5740.



This preview shows how white text looks on a background with the HunterLab color 21.0544, -3.4144, -17.5740.

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

21.0544, -3.4144, -17.5740

Protanopia

21.2406, 2.0845, -14.5026

Deuteranopia

21.2311, 1.2164, -17.8001



Tritanopia

20.8599, -10.1016, -4.2666

Trichromacy



Original Color

21.0544, -3.4144, -17.5740

Protanomaly

20.8033, -0.5841, -16.0486

Deuteranomaly

21.0449, -0.7048, -18.2218

Tritanomaly

20.9264, -7.8258, -8.7451

Monochromacy



Original Color

21.0544, -3.4144, -17.5740

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.6629, -3.5585, -4.9368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0544, -3.4144, -17.5740 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(8, 63, 95)` looks like.

```
.text, #text, p{  
    color:rgb(8, 63, 95)  
}
```

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(8, 63, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 63, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0544, -3.4144, -17.5740 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(8, 63, 95) }
```


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

```
.border{ border-color:rgb(8, 63, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 63, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 63, 95); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 63, 95); box-shadow:4px  
4px 4px 4px rgb(8, 63, 95) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0544, -3.4144, -17.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 63, 95) }
```

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

```
.background{ background-color: rgb(8, 63,  
95) }
```

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