

Converting Colors

HunterLab(43.7356, -3.3966,
-22.3489)

Have a look what the booklet for
HunterLab(43.7356, -3.3966,
-22.3489) contains.

HunterLab(43.7454, -3.3964, -22.6540)	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(43.7454, -3.3964,
-22.6540)

Conversions

Conversions Part 1

Format	Color
Hex	557CA7
RGB	85, 124, 167
RGB Percent	33%, 49%, 65%
CMY	0.6667, 0.5137, 0.3451
CMYK	0.49, 0.26, 0.00, 0.35
HSL	211°, 33%, 49%
HSV	211°, 49%, 65%
XYZ	17.9290, 19.1366, 39.3080
YIQ	117.2410, -37.0470, 5.1050

Conversions

Conversions Part 2

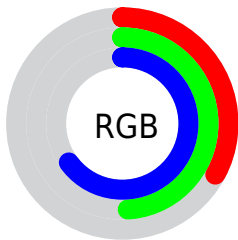
Format	Color
R _Y B	85, 111, 167
Decimal	5602471
CIE Lab	50.85, -1.38, -27.16
CIE LCh	51, 27.190, 267.095
Yxy	19.1373, 0.2348, 0.2506
Android (android.graphics.Color)	4283792551 (0xFF557CA7)
YUV	117.2410, 24.5312, -28.2754
Hunter-Lab	43.7454, -3.3964, -22.6540

Details

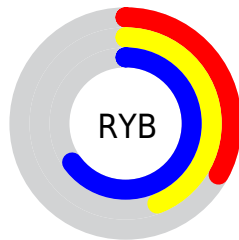
The HunterLab color $43.7454, -3.3964, -22.6540$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $49.3057, 5.2929, 20.1390$, and the grayscale version is $42.1893, -2.2511, 2.2922$.

A 20% lighter version of the original color is $64.6634, -4.5163, -23.5983$, and $25.5562, -1.9964, -21.9168$ is the 20% darker color. If you saturate the color by 10%, you get $40.4317, -2.1536, -28.7356$, and if you desaturate by 10%, it is $47.2301, -4.1334, -16.8643$.

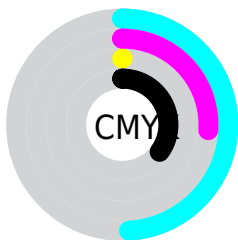
Distribution



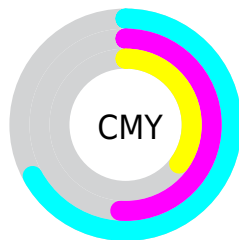
- Red (33%)
- Green (49%)
- Blue (65%)



- Red (33%)
- Yellow (44%)
- Blue (65%)



- Cyan (49%)
- Magenta (26%)
- Yellow (0%)
- Black (35%)



- Cyan (67%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.7454, -3.3964, -22.6540 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 43.7454, -3.3964, -22.6540 by changing the saturation by 10% instead.

■ 43.7454, -3.3964,
-22.6540

■ 43.7454, -3.3964,
-22.6540

157.2278,
-10.0258, -25.1918

■ 34.3068, -2.8090,
-22.1119

■ 64.7812, -4.6695,
-23.6023

■ 25.6650, -2.2563,
-21.5616

■ 76.2861, -5.3522,
-23.9938

■ 17.9029, -1.7401,
-21.0832

■ 88.4014, -6.0641,
-24.3280

■ 11.1344, -1.2616,
-20.9170

■ 101.0979, -6.8040,
-24.6057

■ 3.0630, -2.1243,
-44.6264

114.3499, -7.5709,
-24.8289

0.0000, NaN, -NF

0.0000, NaN, NaN

128.1351, -8.3641,

-24.9996

0.0000, NaN, NaN

142.4337, -9.1826,
-25.1198

0.0000, NaN, NaN

■ 43.7454, -3.3964,
-22.6540

■ 43.7454, -3.3964,
-22.6540

■ 40.4317, -2.1536,
-28.7356

■ 47.2301, -4.1334,
-16.8643

■ 37.3073, -0.3355,
-35.1189

■ 50.8650, -4.4308,
-11.3499

■ 34.3955, 2.1218,
-41.7888

■ 54.6351, -4.3483,
-6.0847

■ 31.7187, 5.2617,
-48.7018

■ 58.5267, -3.9378,
-1.0415

■ 29.2721, 9.0115,
-55.8555

■ 62.5282, -3.2438,
3.8066

■ 29.0581, 9.3605,
-56.5267

■ 66.6297, -2.3038,
8.4843

■ 70.8227, -1.1494,
13.0142

■ 75.0998, 0.1931,
17.4163

■ 79.4547, 1.7012,
21.7082

Harmonies

Analogous

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



43.7462, -13.1758, -17.9427



43.7454, -3.3964, -22.6540



43.7462, 7.6505, -19.4115

Triad

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



43.7462, -3.3965, -22.6531



43.7462, 17.9843, 10.5416



43.7462, -18.6162, 11.9073

Complementary

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



43.7454, -3.3964, -22.6540



49.3057, 5.2929, 20.1390

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.



43.7462, -11.5009, 16.6996



43.7454, -3.3964, -22.6540



43.7462, 9.6731, 16.0578

Square

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



43.7462, -3.3965, -22.6531



43.7462, 20.6875, 1.3559



43.7462, -1.2664, 18.0091



43.7462, -21.4053, 3.3823

Rectangle

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



43.7454, -3.3964, -22.6540



43.7462, 14.1420, -13.5285



43.7462, -1.2664, 18.0091



43.7462, -16.6875, 13.9200

Sweetspot

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



43.7462, -3.3965, -22.6531



75.0909, -5.6572, -5.5261



55.7773, -29.0604, 12.3836



35.0259, -2.7204, -3.2672



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



43.7462, -3.3965, -22.6531



53.6914, -2.6815, -39.2653



33.5912, 16.1192, -43.5483



28.0482, -1.8947, -0.5452



25.6089, 7.8025, -48.8524



5.1241, -0.7750, -4.7317

Inverse Universe

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



40.2100, 30.9505, -2.7990



49.0185, 51.0731, -3.6426



60.3002, -13.4398, 28.4703



27.5672, 1.4479, 0.7985



25.9482, 46.1579, 3.4279



4.1739, 7.6573, -1.2517

Previews

White Background



This preview shows how the HunterLab color 43.7454, -3.3964, -22.6540 looks on a white 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

Black Background



This preview shows how the HunterLab color 43.7454, -3.3964, -22.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

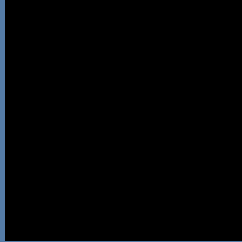
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 43.7454, -3.3964, -22.6540 Background



This preview shows how black text looks on a background with the HunterLab color 43.7454, -3.3964, -22.6540.

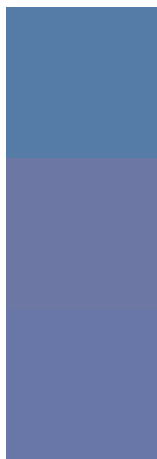


This preview shows how white text looks on a background with the HunterLab color 43.7454, -3.3964, -22.6540.

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

43.7454, -3.3964, -22.6540

Protanopia

43.6190, 3.0240, -20.1685

Deuteranopia

43.6166, 3.4351, -23.4216



Tritanopia

43.7384, -13.0227, -6.9093

Trichromacy



Original Color

43.7454, -3.3964, -22.6540

Protanomaly

43.6628, 0.4217, -20.7801

Deuteranomaly

43.7019, 0.8911, -23.3152

Tritanomaly

43.6383, -9.6157, -12.4819

Monochromacy



Original Color

43.7454, -3.3964, -22.6540

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

42.6444, -3.8239, -5.6584

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.7454, -3.3964, -22.6540 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(85, 124, 167)` looks like.

```
.text, #text, p{  
    color:rgb(85, 124, 167)  
}
```

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(85, 124, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 124, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 43.7454, -3.3964, -22.6540 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(85, 124, 167) }
```


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

```
.border{ border-color:rgb(85, 124, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 124, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 124, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 124, 167);  
box-shadow:4px 4px 4px 4px rgb(85, 124,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.7454, -3.3964, -22.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 124, 167) }
```

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

```
.background{ background-color: rgb(85, 124,  
167) }
```

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