

Converting Colors

HunterLab(36.8641, -4.0920,
-17.4166)

Have a look what the booklet for
HunterLab(36.8641, -4.0920,
-17.4166) contains.

HunterLab(36.7473, -4.0093, -17.4580)	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(36.7473, -4.0093,
-17.4580)

Conversions

Conversions Part 1

Format	Color
Hex	466A8C
RGB	70, 106, 140
RGB Percent	27%, 42%, 55%
CMY	0.7255, 0.5843, 0.4510
CMYK	0.50, 0.24, 0.00, 0.45
HSL	209°, 33%, 41%
HSV	209°, 50%, 55%
XYZ	12.4135, 13.5036, 26.7632
YIQ	99.1120, -32.3700, 2.9420

Conversions

Conversions Part 2

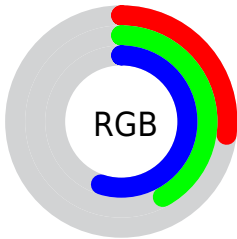
Format	Color
R_{YB}	70, 94, 140
Decimal	4614796
CIE _{Lab}	43.51, -2.84, -22.67
CIE _{LCh}	44, 22.851, 262.865
Yxy	13.5041, 0.2356, 0.2563
Android (android.graphics.Color)	4282804876 (0xFF466A8C)
YUV	99.1120, 20.1578, -25.5312
Hunter-Lab	36.7473, -4.0093, -17.4580

Details

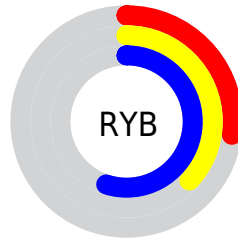
The HunterLab color $36.7473, -4.0093, -17.4580$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $39.8984, 5.6584, 16.0729$, and the grayscale version is $35.3014, -1.8836, 1.9180$.

A 20% lighter version of the original color is $56.6979, -5.3383, -18.5287$, and $19.8788, -2.6829, -16.6477$ is the 20% darker color. If you saturate the color by 10%, you get $34.1998, -3.2423, -21.9966$, and if you desaturate by 10%, it is $39.4266, -4.3760, -13.0935$.

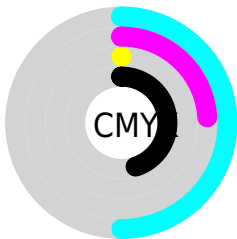
Distribution



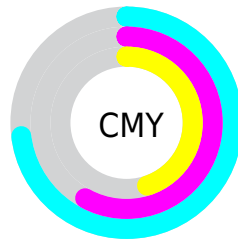
- Red (27%)
- Green (42%)
- Blue (55%)



- Red (27%)
- Yellow (37%)
- Blue (55%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7473, -4.0093, -17.4580 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 36.7473, -4.0093, -17.4580 by changing the saturation by 10% instead.

■ 36.7473, -4.0093,
-17.4580

■ 36.7473, -4.0093,
-17.4580

■ 146.3297,
-11.0813, -19.2183

■ 27.8866, -3.3520,
-16.9738

■ 56.7508, -5.4034,
-18.2610

■ 19.8805, -2.7201,
-16.4702

■ 67.7866, -6.1399,
-18.5697

■ 12.8333, -2.1105,
-16.0439

■ 79.4574, -6.9022,
-18.8167

■ 6.2365, -2.3162,
-18.7462

■ 91.7303, -7.6898,
-19.0045

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.5772, -8.5021,
-19.1358

0.0000, NaN, NaN

117.9735, -9.3384,

0.0000, NaN, NaN

-19.2135

0.0000, NaN, NaN

131.8974,
-10.1983, -19.2401

■ 36.7473, -4.0093,
-17.4580

■ 36.7473, -4.0093,
-17.4580

■ 34.1998, -3.2423,
-21.9966

■ 39.4266, -4.3760,
-13.0935

■ 31.7960, -2.0262,
-26.7084

■ 42.2229, -4.3899,
-8.8996

■ 29.5509, -0.3176,
-31.5770

■ 45.1256, -4.0953,
-4.8647

■ 27.4777, 1.9120,
-36.5714

■ 48.1247, -3.5314,
-0.9753

■ 25.5508, 4.5464,
-41.7501

■ 51.2114, -2.7323,
2.7832

■ 25.5503, 4.5470,
-41.7513

■ 54.3782, -1.7274,
6.4250

■ 57.6185, -0.5418,
9.9637

■ 60.9265, 0.8032,
13.4119

■ 64.2973, 2.2894,
16.7808

Harmonies

Analogous

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



36.7480, -11.4898, -13.0109



36.7473, -4.0093, -17.4580



36.7480, 4.7377, -15.8052

Triad

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



36.7480, -4.0094, -17.4573



36.7480, 14.6837, 7.6412



36.7480, -14.3243, 10.3397

Complementary

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



36.7473, -4.0093, -17.4580



39.8984, 5.6584, 16.0729

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.



36.7480, -8.2151, 13.8124



36.7473, -4.0093, -17.4580



36.7480, 8.6461, 12.5251

Square

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



36.7480, -4.0094, -17.4573



36.7480, 16.0736, -0.0233



36.7480, 0.1297, 14.5076



36.7480, -17.0766, 3.9149

Rectangle

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



36.7473, -4.0093, -17.4580



36.7480, 10.0720, -11.6159



36.7480, 0.1297, 14.5076



36.7480, -12.6239, 11.8241

Sweetspot

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



36.7480, -4.0094, -17.4573



61.7665, -5.1288, -4.0187



45.8854, -24.3029, 10.9828



29.2948, -2.5253, -2.3928



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.7480, -4.0094, -17.4573



44.9949, -4.1348, -29.9871



27.7918, 12.5334, -35.5868



22.9994, -1.6502, -0.3080



24.1664, 4.1309, -39.1234



2.6099, -0.7091, -1.7313

Inverse Universe

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



33.1616, 25.9774, -3.4915



40.1062, 42.5390, -4.8789



49.4318, -10.2059, 23.3303



22.5582, 1.1415, 0.5731



23.1814, 41.5094, 0.9441



1.9662, 3.6594, -0.9956

Previews

White Background



This preview shows how the HunterLab color 36.7473, -4.0093, -17.4580 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 36.7473, -4.0093, -17.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

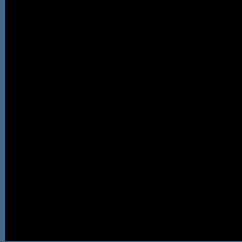
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

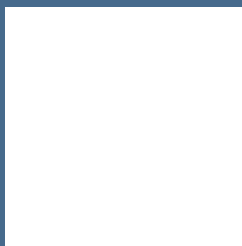
Any Text WCAG AAA × Fail

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

HunterLab 36.7473, -4.0093, -17.4580 Background



This preview shows how black text looks on a background with the HunterLab color 36.7473, -4.0093, -17.4580.

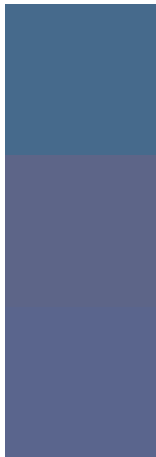


This preview shows how white text looks on a background with the HunterLab color 36.7473, -4.0093, -17.4580.

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

36.7473, -4.0093, -17.4580

Protanopia

36.6225, 2.2553, -15.1033

Deuteranopia

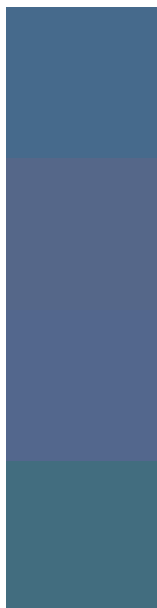
36.6116, 2.6160, -18.2028



Tritanopia

36.7975, -11.2513, -5.6434

Trichromacy



Original Color

36.7473, -4.0093, -17.4580

Protanomaly

36.6578, -0.3045, -15.6956

Deuteranomaly

36.6914, 0.1296, -18.1085

Tritanomaly

36.9159, -8.7734, -9.6542

Monochromacy



Original Color

36.7473, -4.0093, -17.4580

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

35.7664, -3.6352, -4.4145

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7473, -4.0093, -17.4580 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(70, 106, 140)` looks like.

```
.text, #text, p{  
    color:rgb(70, 106, 140)  
}
```

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(70, 106, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 106, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7473, -4.0093, -17.4580 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(70, 106, 140) }
```


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

```
.border{ border-color:rgb(70, 106, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 106, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 106, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 106, 140);  
box-shadow:4px 4px 4px 4px rgb(70, 106,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7473, -4.0093, -17.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 106, 140) }
```

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

```
.background{ background-color: rgb(70, 106,  
140) }
```

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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